SAMSUNG

SAMSUNG DIGITall
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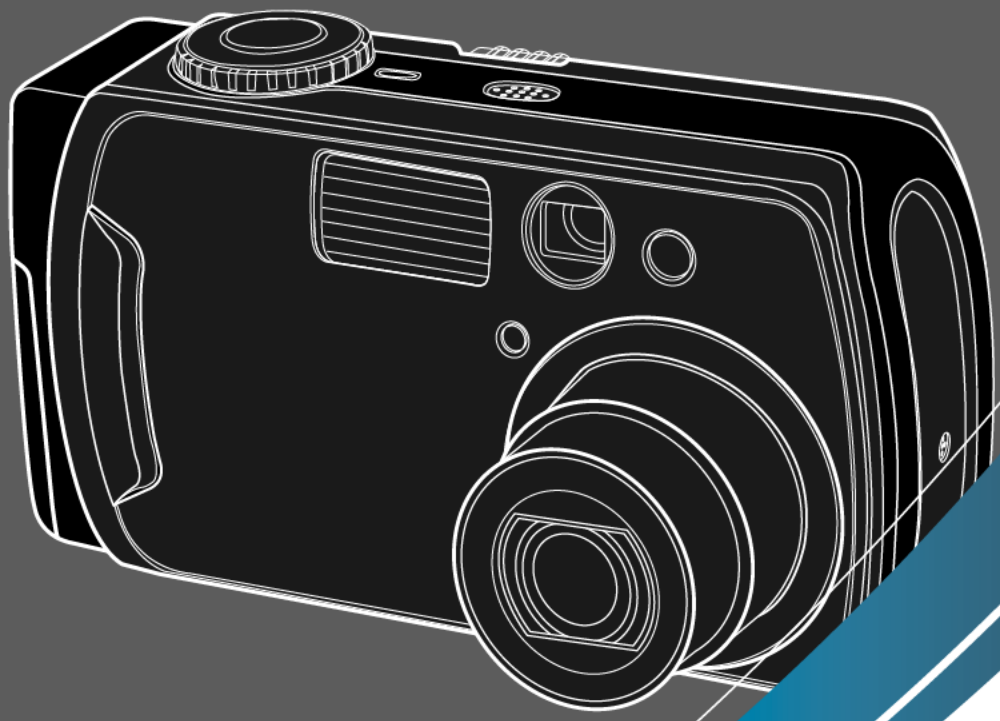

ENGLISH

• D5100

SAMSUNG CAMERA

User's Manual

D530

Thank you for buying a Samsung Camera.
This manual will guide you through using the camera, including capturing images, downloading images and using the application software. Please read this manual carefully before using your new camera.
※ Figures (Images) used for the manual are based on model Digimax 530.

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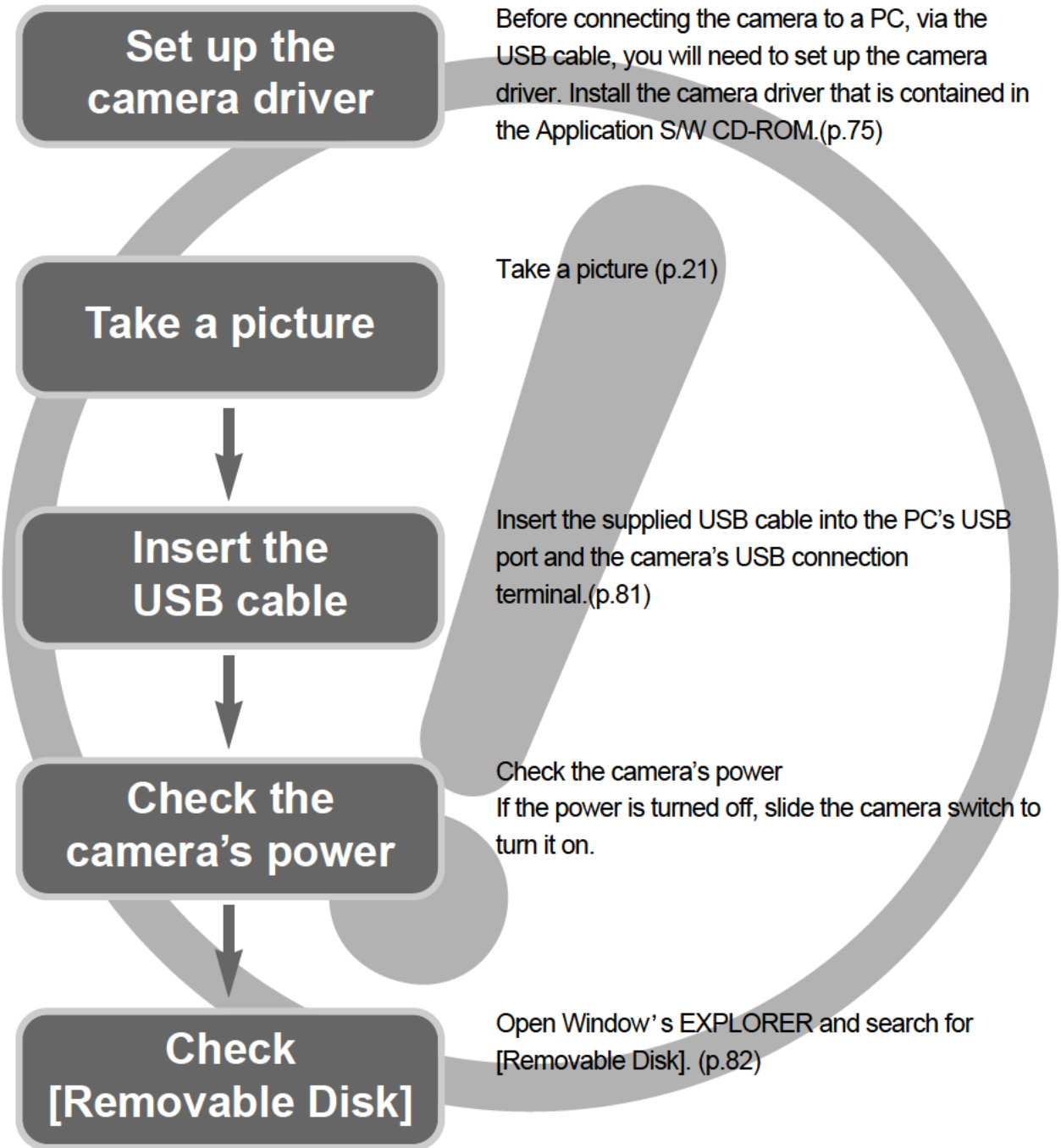
Instructions

■ Use this camera in the following order


Set up the camera driver
Before connecting the camera to a PC, via the USB cable, you will need to set up the camera driver. Install the camera driver that is contained in the Application S/W CD-ROM.(p.75)
Take a picture
Take a picture (p.21)
Insert the USB cable
Insert the supplied USB cable into the PC's USB port and the camera's USB connection terminal.(p.81)
Check the camera's power
Check the camera's power
If the power is turned off, slide the camera switch to turn it on.
Check [Removable Disk]
Open Window's EXPLORER and search for [Removable Disk]. (p.82)

● If you use a card reader to copy the images on the memory card to your PC, the images could be damaged. When transferring the images taken with the camera to your PC, be sure to use the supplied USB cable to connect the camera to your PC. Please note that the manufacturer holds no responsibility for loss or damage of images on the memory card due to the use of a card reader.

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Getting to know your camera

Thank you for buying a Samsung Digital Camera.

- Prior to using this camera, please read the user manual thoroughly.
- When you require After Sales service, please bring the camera and the cause of the camera malfunction (such as Batteries, Memory card etc.) to the A/S center.
- Please check that the camera is operating properly prior to when you intend to use it (e.g. for a trip or an important event) to avoid disappointment. Samsung camera takes no responsibility for any loss or damages that may result from camera malfunction.
- Keep the manual in a safe place.

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* All brand and product names appearing in this manual are registered trademarks of their respective companies.

About the icons

This manual contains instructions on using this camera that will help you to use this camera safely and correctly. This will help prevent danger and injury to others.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation, which, if not avoided, may result in a minor or moderate injury.

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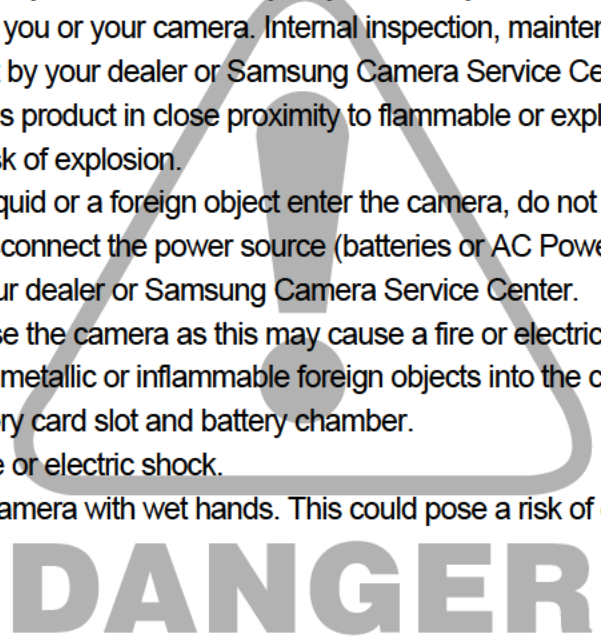
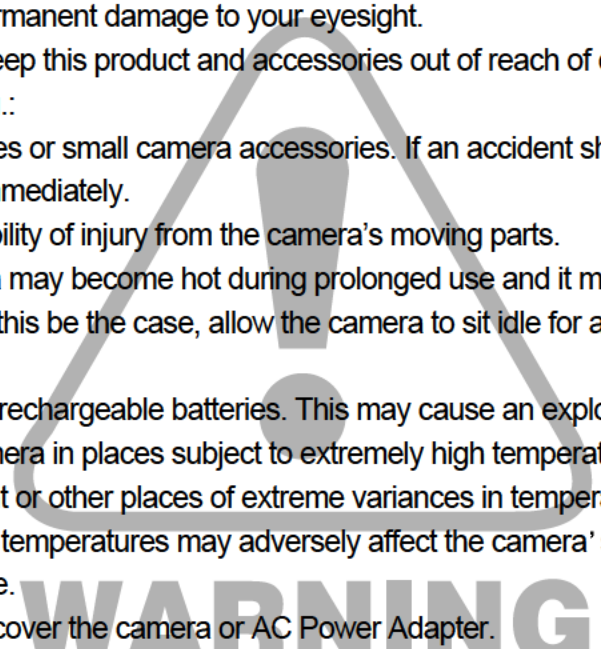
Danger

- Do not attempt to modify this camera in any way. This may result in fire, injury, electric shock or severe damage to you or your camera. Internal inspection, maintenance and repairs should be carried out by your dealer or Samsung Camera Service Center.
- Please do not use this product in close proximity to flammable or explosive gases, as this could increase the risk of explosion.
- Should any form of liquid or a foreign object enter the camera, do not use it. Switch off the camera, and then disconnect the power source (batteries or AC Power Adapter).
  You must contact your dealer or Samsung Camera Service Center.
  Do not continue to use the camera as this may cause a fire or electric shock.
- Do not insert or drop metallic or inflammable foreign objects into the camera through access points e.g. the memory card slot and battery chamber.
  This may cause a fire or electric shock.
- Do not operate this camera with wet hands. This could pose a risk of electric shock.



Warning

- Do not use the flash in close proximity to people or animals.
  Positioning the flash too close to your subject's eyes, may cause eyesight damage.
- When taking photographs, never point the lens of the camera directly into very strong light.
  This may result in permanent damage to your eyesight.
- For safety reasons keep this product and accessories out of reach of children or animals to prevent accidents e.g.:
  - Swallowing batteries or small camera accessories. If an accident should occur, please consult a doctor immediately.
  - There is the possibility of injury from the camera's moving parts.
- Batteries and camera may become hot during prolonged use and it may result in camera malfunction. Should this be the case, allow the camera to sit idle for a few minutes to allow it time to cool.
- Do not recharge non rechargeable batteries. This may cause an explosion.
- Do not leave this camera in places subject to extremely high temperatures, such as a sealed vehicle, direct sunlight or other places of extreme variances in temperature.
  Exposure to extreme temperatures may adversely affect the camera' s internal components and could cause a fire.
- When in use, do not cover the camera or AC Power Adapter.
  This may cause heat to build up and distort the camera body or cause a fire.
  Always use the camera and its accessories in a well-ventilated area.



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Caution

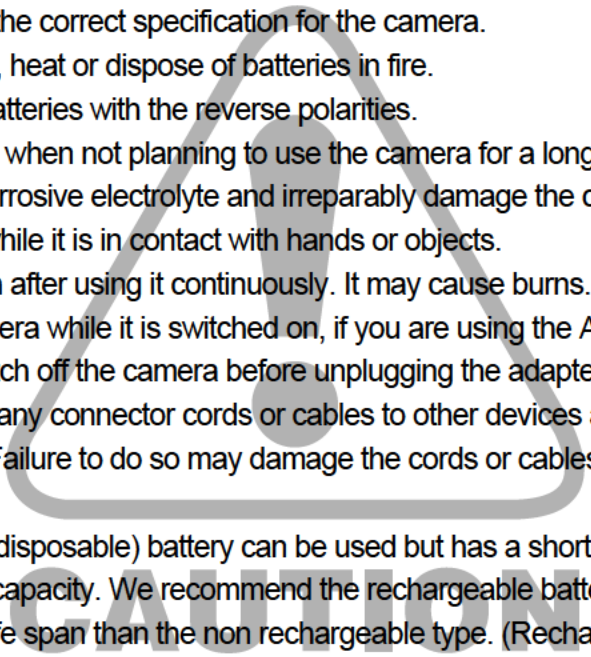
■ Leaking, overheating, or burst batteries could result in fire or injury.
- Use batteries with the correct specification for the camera.
- Do not short circuit, heat or dispose of batteries in fire.
- Do not insert the batteries with the reverse polarities.

■ Remove the batteries when not planning to use the camera for a long period of time.
Batteries may leak corrosive electrolyte and irreparably damage the camera's components.

■ Do not fire the flash while it is in contact with hands or objects.
Do not touch the flash after using it continuously. It may cause burns.

■ Do not move the camera while it is switched on, if you are using the AC Power Adapter.
After use, always switch off the camera before unplugging the adapter from the wall socket. Then make sure that any connector cords or cables to other devices are disconnected before moving the camera. Failure to do so may damage the cords or cables and cause a fire or electric shock.

■ A non-rechargeable (disposable) battery can be used but has a short life span because of its relatively low battery capacity. We recommend the rechargeable battery which has a bigger capacity and longer life span than the non rechargeable type. (Rechargeable batteries may not be available everywhere).



An FCC warning

- This device has been tested in accordance with the limits of a class B digital device under item 15 of the FCC rules. These limits are designed to provide protection against harmful interference in commercial installation. This equipment generates, absorbs and can emit radio frequency energy. If it is not installed and used in accordance with the instructions, it may cause harmful interference to radio communication.
  There is however, no guarantee that interference will not occur in some situations. Should any interference occur when this device is in operation, please try one or more of the following measures.

  ■ Change the location and direction of any aerial.
  ■ Increase distance between the camera and the affected device.
  ■ Use a different socket away from the affected device.
  ■ Please contact a Samsung agent or a radio/TV engineer.

- This device complies with part 15 of the FCC Rules.
- Changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

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This digital camera can be used for

Printing images using a dedicated printer, DPOF-compatible printer or DPOF-equipped photo lab.
(refer to page 56)

Viewing images on a TV.
(refer to page 64)

Taking a picture.
(refer to page 21)

Downloading image files from camera to computer.
(refer to page 82)

Editing images on a PC.
(refer to page 89)

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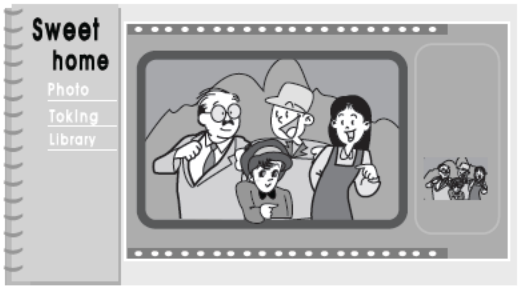
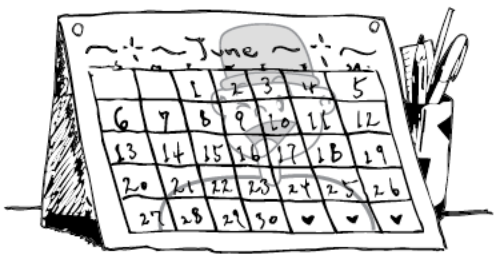
This digital camera can be used for

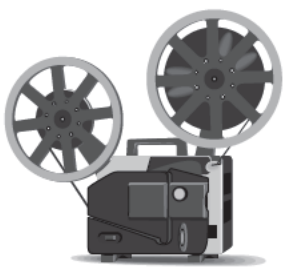


Creation of a digital photo album.



Taking a favourite image and creating your own personalized calendar with it.

Recording your voice.
(refer to page 23)



Recording a movie clip
(refer to page 24)

You can even create your own unique gift wrap paper by using your digital images.

Inserting images directly into any electronic document.

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Manufacturer's contents

Please check that you have the correct contents before using this product.

marked contents are optional.

Digital Camera

Pouch

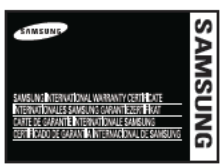
A/V cable

USB cable

Camera strap

User manual

Product warranty



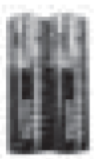
Software CD

SD memory card

AC adapter (SAC-32, DC 3.3V)

CR-V3 battery

2 AA Alkaline Batteries



Digimax Battery I-Pack : SBP-1303 KIT

Battery charger

Rechargeable battery

AC cord

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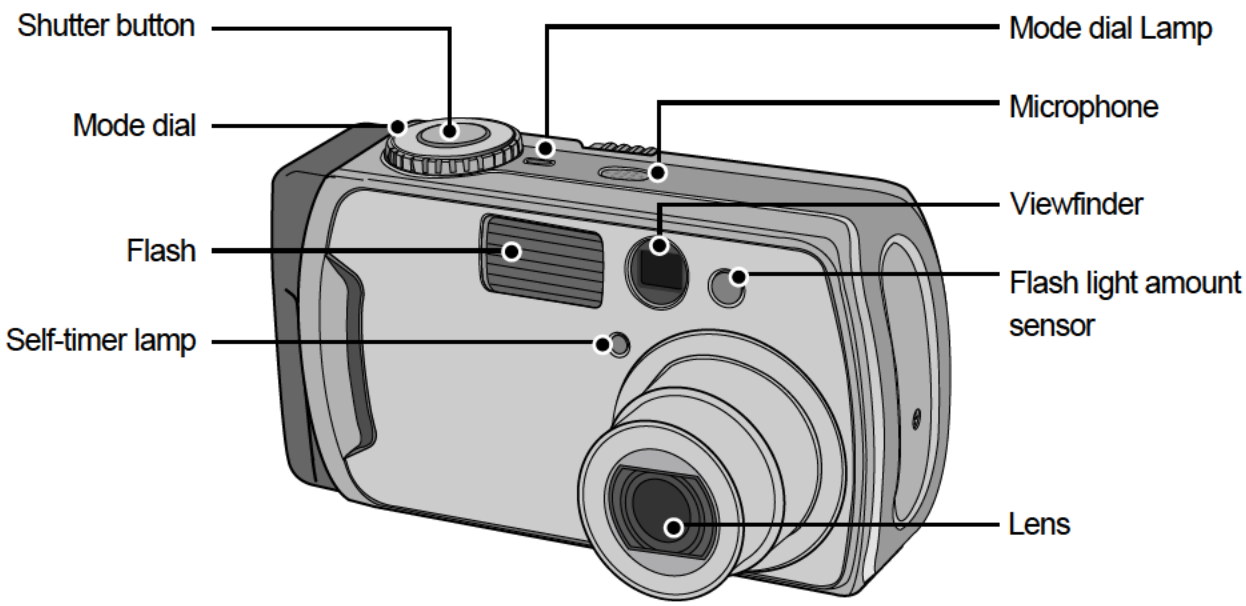
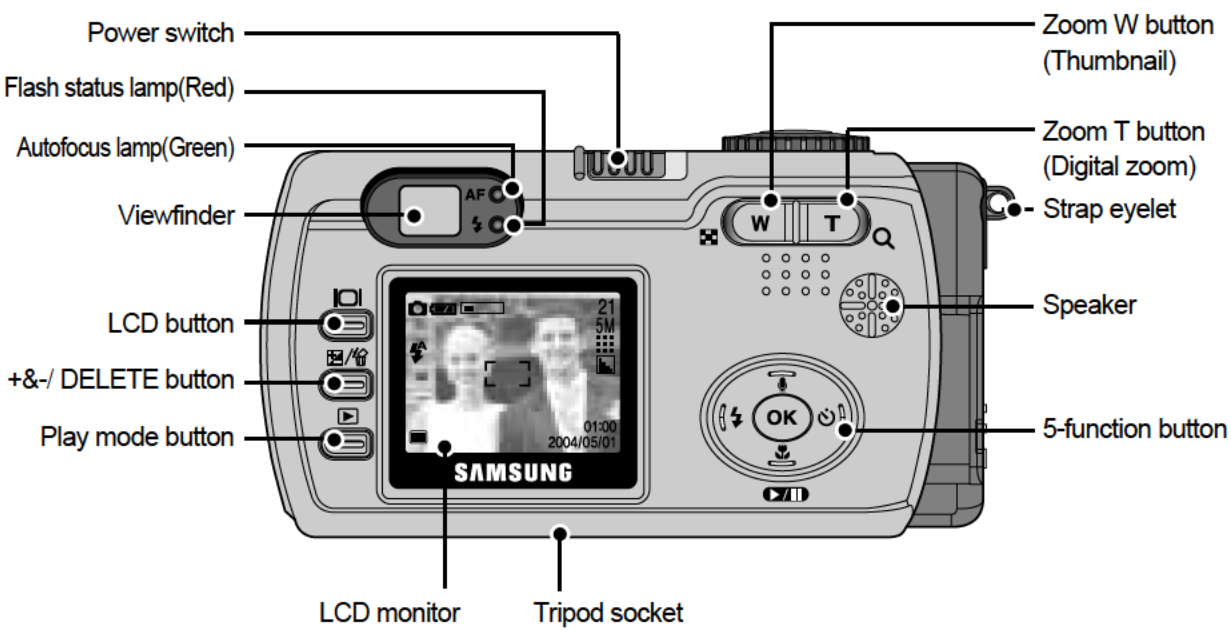
Identification of features

Front & Top



Back & Bottom



* When using the digital zoom to take a picture, the composition of the picture may be different depending on whether you are using the LCD monitor or the viewfinder. The picture will be taken in the composition of the picture as it appears on the LCD monitor.

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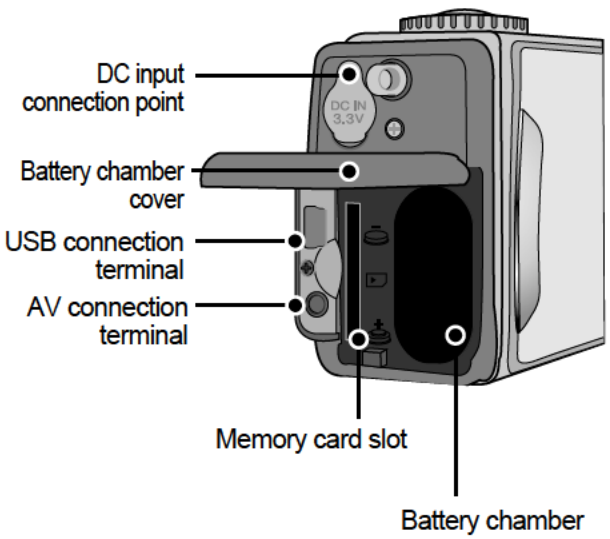
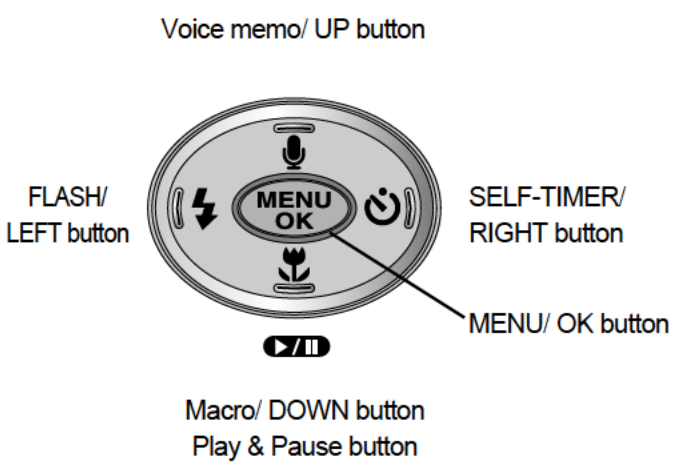
Identification of features

Side/ 5-function button

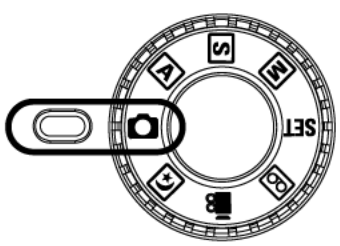




Mode dial

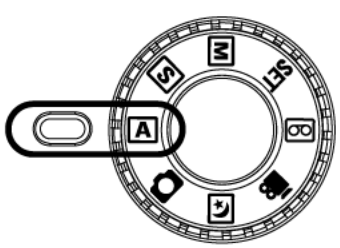
■ You can select the desired working mode by using the mode dial located on the top of the camera. This digital camera has 7 recording modes. These are listed below.

● AUTO mode



Selecting the automatic mode will configure the camera with optimal settings. You can still manually configure all functions except the iris and shutter speed.

● APERTURE PRIORITY mode



Set the aperture value for automatic exposure depends on the brightness of the object by automatic shutter speed setting in the camera.

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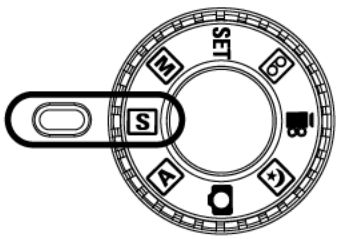
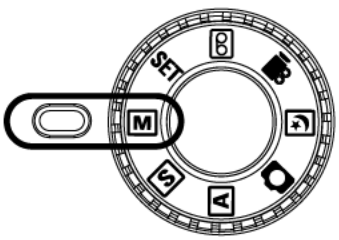
Identification of features

● SHUTTER PRIORITY mode



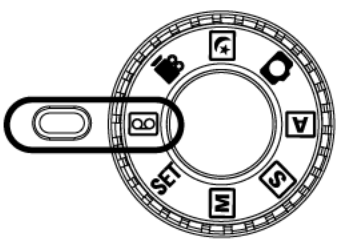
Set the shutter speed for automatic exposure depends on the brightness of the object by automatic aperture value setting in the camera.

● MANUAL mode



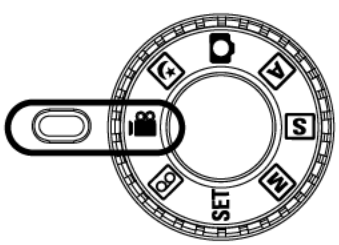
The user can manually set both the aperture value and the shutter speed.

● VOICE RECORDING mode



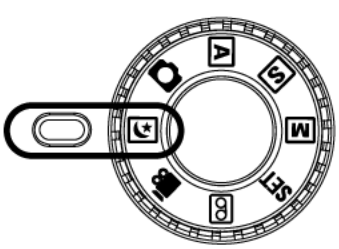
A voice recording can be recorded for as long as the available recording time of the memory capacity allows.(Max : 1 hour)
- Voice recording file type : *.wav

● MOVIE CLIP mode



A movie clip can be recorded for as long as the available recording time of the memory capacity allows.
- Image size : 640X480, 320X240(user selectable)
- Movie clip file type : *.avi

● NIGHT SCENE mode



This mode is used at night or against a dark background.

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Identification of features

■ Self-timer lamp(Based on 10-second Self-timer; see p. 33)

Color	Status	Camera Status
Red	Blinking	For the first 7 seconds, the LED blinks at 1 second intervals. For the final 3 seconds, the LED blinks quickly at 0.5-second intervals.

■ Autofocus lamp

Color	Status	Camera Status
Green	Blinking	Recording Mode (lightly press the shutter button): Not focused PC Mode: Transmitting Data
	On	Recording Mode (lightly press the shutter button): Focused.

■ Mode dial lamp

Color	Status	Camera Status
Green	On	PC Mode: When the USB cable is inserted. Recording Mode : Turned off the LCD with the LCD button.

■ Flash status lamp

Color	Status	Camera Status
Red	Blinking	Flash in the process of charging
	On	Flash ready

■ Mode icon

Mode	AUTO	APERTURE PRIORITY	SHUTTER PRIORITY	MANUAL	VOICE RECORDING	MOVIE CLIP	NIGHT	PLAY
ICON								

Connecting to a Power Source

■ There are two ways in which to provide the camera with power. You can use batteries or alternatively, you can use an AC(100 ~ 250V) Adapter (DC 3.3V 2.0A).

■ We recommend using batteries for a digital camera (Within a year from the date of manufacture) and rechargeable Ni-MH battery (over 1600mAh). The batteries are listed below.

Non rechargeable batteries : AA type - Alkaline, Ni-Mn, Ni-Zn, Lithium
CR-V3 type - Lithium
Rechargeable batteries : AA type - Ni-MH, Ni-Cd (over 1000mAh)
CR-V3 type - Digimax Battery I-Pack(SBP-1303)

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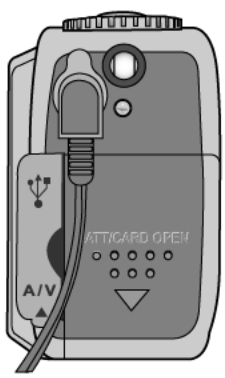
Connecting to a Power Source

INFORMATION

Important information about battery usage

- It is easy to buy alkaline batteries. However, the duration for using batteries varies in accordance with the battery manufacturer or the photographic conditions.
- When the camera is not used, turn off the camera power.
- Do not recharge the non rechargeable batteries. It may cause an explosion.
- Please remove the batteries if the camera will not be used for long periods. Batteries can lose power over time and are prone to leaking if kept inside the camera.
- We recommend high capacity ALKALINE batteries as manganese batteries cannot deliver sufficient power.
- Low temperatures (below 0℃) can affect the performance of the batteries and you may experience reduced battery life.
- Batteries will usually recover at normal temperatures.
- Do not use old and new batteries at the same time.
- During extended use of the camera, the camera body may become warm. This is perfectly normal.

Using the AC power adapter (3.3V 2.0A)



If you have access to a mains supply, using an AC Adapter (3.3V 2.0A) allows the camera to be used for long periods of time.
Plug the adapter into the connection point (DC IN 3.3V) on the camera.
Remove the batteries from the camera when using an AC adapter.

DANGER

- Always turn off the power before taking the AC adapter out of the mains supply.
- As with all mains powered devices, safety is important. Ensure that neither the camera nor adapter comes into contact with water or metallic materials.
- Please ensure that you use an AC adapter (3.3V 2.0A) with the correct specification for the camera. Failure to do so may affect your warranty.

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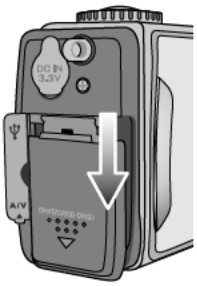
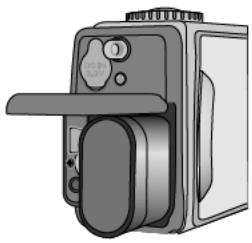
Connecting to a Power Source

Using the batteries

: If the camera does not turn on after you have inserted batteries, please check whether the batteries are inserted with the correct polarity(+ and-).

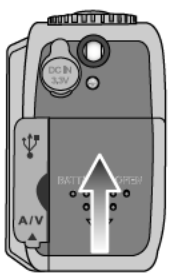


1. Open the battery chamber cover by pushing in the direction of the arrow.



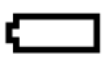
2. Insert the batteries taking note of the polarity (+ / -).

[Inserting the AA type battery] [Inserting the CR-V3 type battery]



3. To close the battery chamber cover, push it until it clicks.

■ There are 3 indicators for battery condition that are displayed on the LCD monitor.

Battery indicator			
Battery status	The batteries are fully charged.	Prepare new batteries.	There is no battery capacity. Replace with new batteries.

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Instructions on how to use the memory card

■ The camera comes with 32MB of internal flash memory, allowing you to store images and movie clips in the camera. However, you can expand the memory capacity by using an optional memory card so that you can store more images and movie clips.

Maintenance of the memory card

- Be sure to format the memory card (see p. 59) if you are using a newly purchased memory for the first time, if it contains data that the camera cannot recognize, or if it contains images captured with a different camera.
- Turn off the camera power whenever the memory card is being inserted or removed.
- Repeated use of the memory card will eventually reduce the memory card's performance. Should this be the case, you will need to purchase a new memory card. Wear and tear on the memory card is not covered by the Samsung warranty.
- The memory card is an electronic precision device. Do not bend, drop or subject the memory card to any heavy impact.
- Do not store the memory card in an environment with strong electronic or magnetic fields, e.g. near loud speakers or TV receivers.
- Please do not use or store in an environment where there are extremes in temperature.
- Do not allow the memory card to become dirty or to come into contact with any liquid. Should this happen, clean the memory card with a soft cloth.
- Please keep the memory card in its case when not in use.
- During and after periods of extended use, you may notice that the memory card is warm. This is perfectly normal.
- Do not use a memory card that is used in another digital camera or memory card reader.
- Do not use a memory card formatted by another digital camera or memory card reader.

Preserving the memory card data

- If the memory card is subjected to any of the following, the recorded data may become corrupted :
  - When the memory card is used incorrectly.
  - If the power is switched off or the memory card is removed while recording, deleting (formatting) or reading.
- Samsung cannot be held responsible for lost data.
- It is advisable to copy important data onto other media as back-up e.g. floppy disks, hard disks, CD etc.
- If there is insufficient memory available :If you press the shutter button for the shot, a [CARD FULL !] message will appear and the camera will not operate. To optimize the amount of memory in the camera, replace the memory card or delete unnecessary images stored on the memory.

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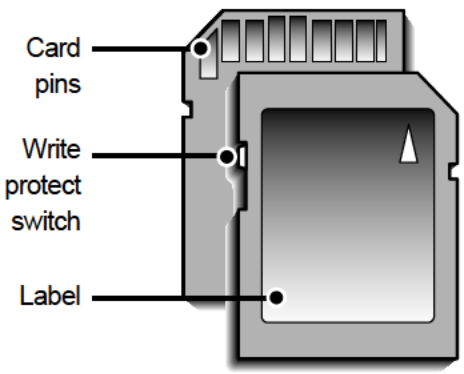
Instructions on how to use the memory card

INFORMATION

- If you open the battery chamber cover when the camera power is turned on, the power will turn off automatically.
- Don't remove the memory card when the auto focus lamp(Green) is blinking as this may cause damage to data in the memory card.

■ The camera can use SD Memory Card and MMC (Multi Media Card).



【SD(Secure Digital) memory card】

The SD memory card has a write protect switch that prevents image files from being deleted or formatted.
By sliding the switch to the bottom of the SD memory card, the data will be protected.
By sliding the switch to the top of the SD memory card, the data protection will be canceled. Slide the switch to the top of the SD memory card before taking a picture.

■ When using a 32MB internal memory, the specified shooting capacity will be as follows. These figures are approximate as image capacities can be affected by variables such as subject matter.

Size		Super fine	Fine	Normal
Still image	5M	11	23	34
	3M	16	33	50
	2M	27	55	83
	1M	43	86	130
	0.3M	159	294	441
Movie clip	VGA	About 1MIN		
	QVGA	About 1MIN 20SEC		

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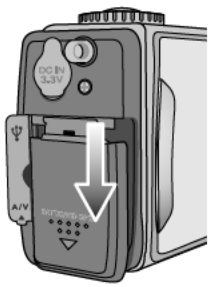
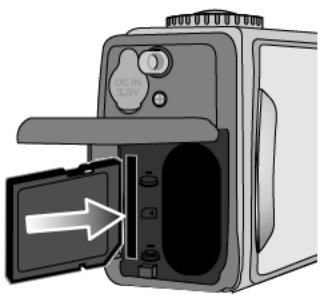
Inserting the memory card

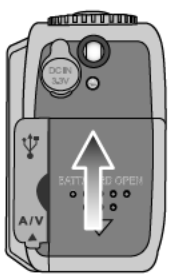
1. Slide the power switch to turn the power off. Open the battery chamber cover while pushing it in the direction of the arrow.



2. Have the front of the memory card facing toward the front of the camera (lens) and the card pins toward the back of the camera (LCD monitor), and then push the memory card into the card slot until you hear a click.



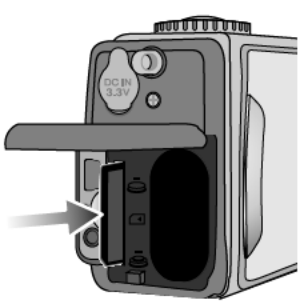
3. To close, push the battery chamber cover until you hear a click. If the memory card does not slide in smoothly, do not attempt to insert it by force. Check the direction of insertion, and then insert it correctly.
   Do not insert the memory card the wrong way round. Doing so may damage the memory card slot.



Removing the memory card

1. Slide the power switch to turn the power off.
   Open the battery chamber cover and press the memory card as shown in the image and release.

2. Remove the memory card and close the battery chamber cover.



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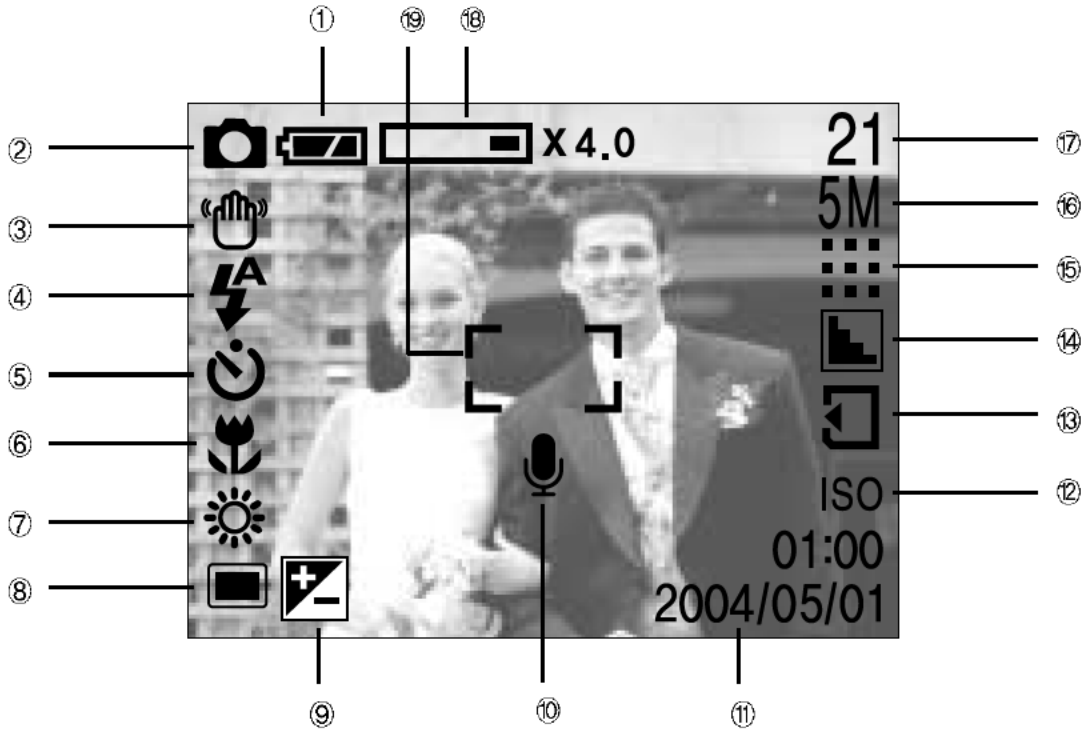
LCD monitor indicator

■ The LCD monitor displays information about the shooting functions and selections.



[Image & Full Status]

No.	Description	Icons	Page
1	Battery		p.16
2	Recording mode		p.12~13
3	Camera shake warning		p.25
4	Flash		p.31
5	Self-timer		p.33
6	Macro		p.29
7	White Balance		p.42
8	Metering		p.40
9	Exposure compensation		p.35
10	Voice memo		p.28
11	Date/ Time	2004/05/01 01:00	
12	ISO	ISO (AUTO, 100, 200, 400)	p.42
13	Card inserted indicator		

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LCD monitor indicator

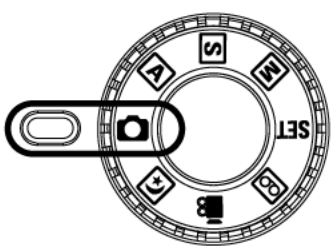
14	Sharpness		p.41
15	Image quality		p.39
16	Image size/ Continuous shot	5M, 3M, 2M, 1M, 0.3M	p.39
17	Number of available shots remaining	21	
	Remaining time (Movie clip/ Voice recording)	00:01:20/ 01:00:00	
18	Optical/ Digital Zoom rate	X 4.0	
19	Auto focus frame		

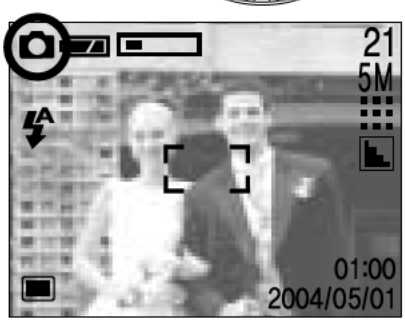
Starting the recording mode

- If the memory card is inserted in the camera, all the camera functions apply only to the memory card.
- If the memory card is not inserted in the camera, all the camera functions apply only to the internal memory.

■ How to use the AUTO mode ( )

1. Insert the batteries taking note of the polarity (+ / -).
2. Insert the memory card. (p.19)
   As this camera has a 32MB internal memory, you do not need to insert the memory card. If the memory card is not inserted, an image will be stored in the internal memory. To expand memory capacity, insert a memory card. If the memory card is inserted, an image will be stored on the memory card.
3. Close the battery chamber cover.
4. Slide the power switch to turn on the camera.
   (If the date/time that is displayed on the LCD monitor is incorrect, reset the date/time before taking a picture.)
5. Select the AUTO mode by rotating the mode dial.
6. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
7. Press the shutter button to capture an image.





[AUTO mode]

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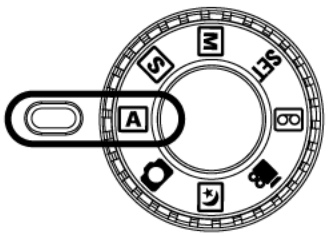
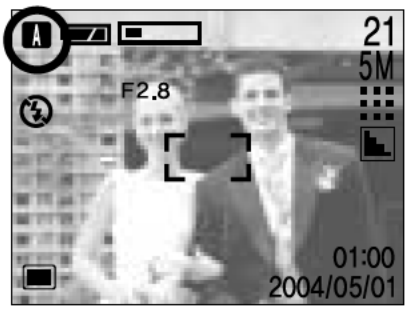
Starting the recording mode

■ How to use the APERTURE PRIORITY mode (A)

Steps from 1-4 are the same as those for AUTO mode.

5. Select the APERTURE PRIORITY mode by rotating the mode dial.
6. While pressing the +/- button, select the desired aperture value by pressing the UP/ DOWN button.
7. If the +/- button is released, the aperture value will be changed.
8. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
9. Press the shutter button to capture an image.
   * Smaller Aperture values make the object sharp but blur the background. Larger Aperture values make both the object and background sharp.
   * The changed aperture value will be returned to F2.8 after the camera power is turned off and on.



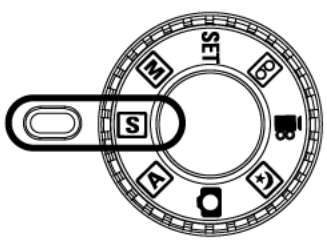


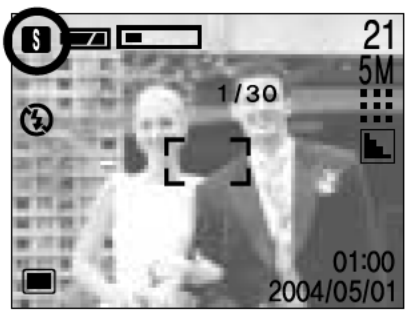
[Aperture priority mode]

■How to use the SHUTTER PRIORITY mode (S)

Steps from 1-4 are the same as those for AUTO mode.

5. Select the SHUTTER PRIORITY mode by rotating the mode dial.
6. While pressing the +/- button, select the desired shutter speed by pressing the UP/ DOWN button.
7. If the +/- button is released, the shutter speed will be changed.
8. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
9. Press the shutter button to capture an image.
   * High Shutter speeds can capture a moving object in a still image as if the object is not moving.
     Low Shutter speeds can capture a moving object with an 'active' effect.
   * The changed shutter speed will be returned to 1/30 after the camera power is turned off and on.





[Shutter priority mode]

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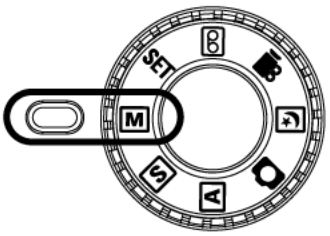
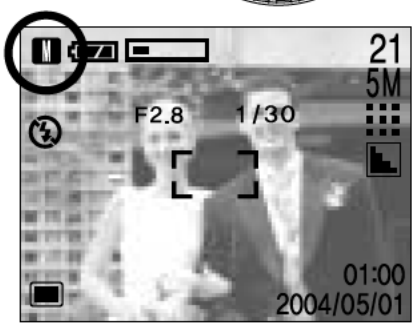
Starting the recording mode

■How to use the MANUAL mode (M)

Steps from 1-4 are the same as those for AUTO mode.

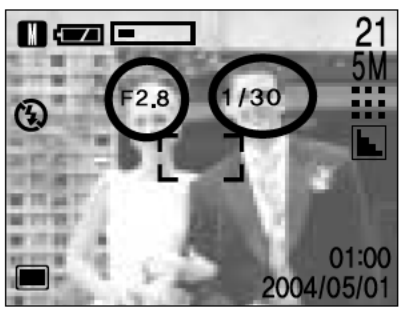
5. Select the MANUAL mode by rotating the mode dial.
6. While pressing the +/- button, select the desired shutter speed by pressing the UP/ DOWN button, and select the desired aperture value by pressing the LEFT/ RIGHT button.
7. If the +/- button is released, the shutter speed and aperture value will be changed.
8. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
9. Press the shutter button to capture an image.
   * The changed aperture value and shutter speed will be returned to F2.8 and 1/30 after the camera power is turned off and on.





[Manual mode]

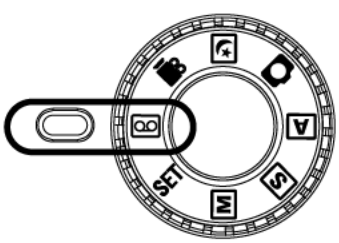
If the aperture value or shutter speed is out of the limit of application, the value that is displayed on the LCD monitor will show as red. However, you will still be able to take a picture. Please adjust the shutter speed and aperture value so that the red warning turns white (normal) before taking the picture.

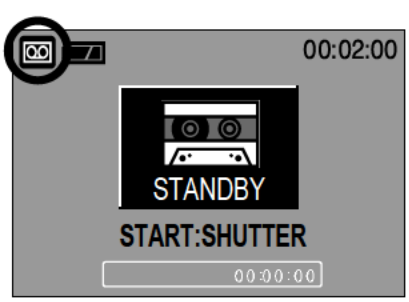


■ How to use the VOICE RECORDING mode ( )

Steps from 1-4 are the same as those for AUTO mode.

5. Select the VOICE RECORDING mode by rotating the mode dial.
6. Press the shutter button to record a voice.
   - Press the shutter button once and voice is recorded for as long as the available recording time(Max : 1 hour) allows. The recording time will be displayed on the LCD monitor. Voice will still be recorded if the shutter button is released.
   - If you wish to stop recording, press the shutter button again.
   - File type : *.wav
   * A distance of 40cm between you and the camera (microphone) is the best distance to record sound.





[VOICE RECORDING mode]

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Starting the recording mode

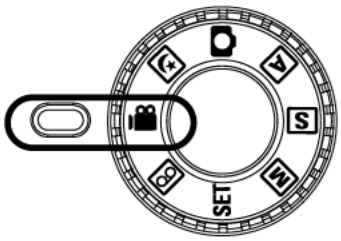
■ How to use the MOVIE CLIP mode ( )

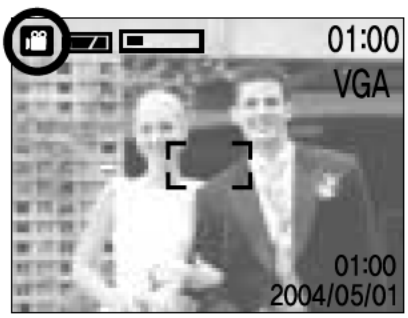
Steps from 1-4 are the same as those for AUTO mode.

5. Select the MOVIE CLIP mode by rotating the mode dial.
6. The MOVIE CLIP mode icon and available recording time will display on the LCD monitor.
7. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
   Press the shutter button and movie clips are recorded for as long as the available recording time. Movie clips will still be recorded if the shutter button is released.
8. If you wish to stop recording, press the shutter button again.

*Image size and type are listed below.

- Image size : 640x480, 320 x 240(Selectable)
- File type : *.avi

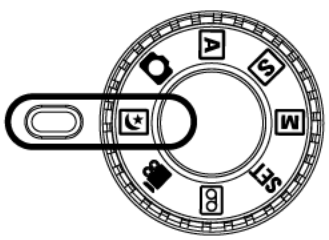


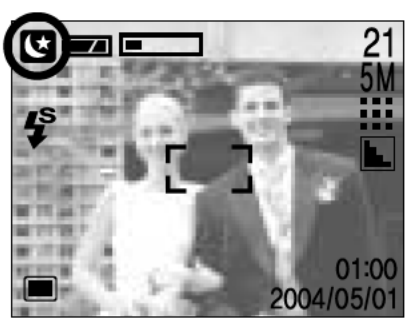


[MOVIE CLIP mode]

■ NIGHT SCENE mode ( )

This mode is used at night or against a dark background.





[NIGHT SCENE mode]

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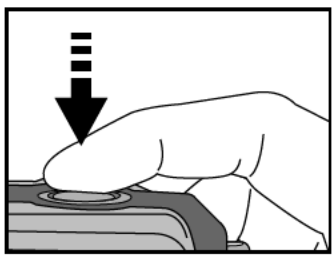
Things to Watch Out for When Taking Pictures

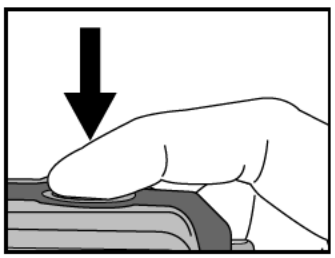
■ Pressing the shutter button down half way

Lightly press the shutter button to confirm focus and flash battery charge. (See page 26)

Press the shutter button all way down to take the picture.



[Lightly press the shutter button]



[Press the shutter button]

■ The available recording time may vary depending on shooting conditions and camera settings.

■ When the Flash Off or Slow synchro mode is selected in a low lighting condition, the camera shake warning indicator ( ) may appear on the LCD monitor. In this case, use a tripod, support the camera on a solid surface or change the flash mode to flash shot mode.

■ Backlight compensated shots : When taking an outdoor shot, avoid facing the sun, as the image may be dark because of the strong backlight. In backlight conditions, please use Fill-in flash(p.31), Spot metering(p.40) or Exposure compensation(p.35).

■ Avoid obstructing the lens or the flash when you capture an image.

■ As there can be some differences between what is seen through the Viewfinder and the resulting image when taken at a range closer than 1.5m, it is recommended that you use the LCD monitor to compose these shots.

■ Using the LCD monitor extensively will drain the batteries.

We recommend turning off the LCD monitor and using the optical viewfinder as often as possible in order to extend battery life.

■ Under certain conditions the auto focus system may not perform as expected.

- When photographing a subject that has little contrast.
- If the subject is highly reflective or shiny.
- If the subject is moving at high speed.
- When there is strong reflected light, or when the background is very bright.
- When the subject matter has only horizontal lines or the subject is very narrow (such as a stick or flagpole).
- When the surroundings are dark

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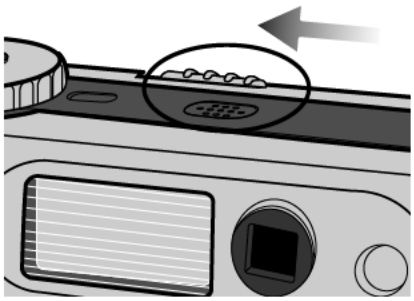
Using the camera buttons to adjust the camera

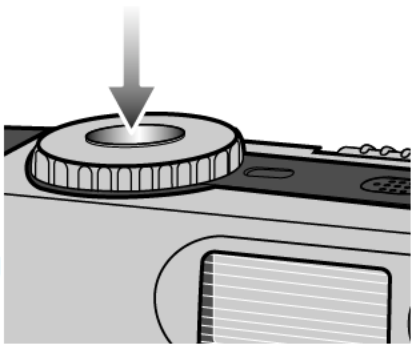
■ The RECORDING(AUTO, APERTURE PRIORITY, SHUTTER PRIORITY, MANUAL, VOICE RECORDING, MOVIE CLIP, NIGHT SCENE) mode function can be set up by using the camera buttons.

POWER switch



- Used for turning the camera's power on / off.
  Slide the power switch to turn the power on.
- If this camera isn't operated during the specified time(about 60 SEC.), the camera power will be idle(LCD monitor : OFF, Mode dial lamp : ON) automatically. To use the camera again, press any of the camera buttons except the power switch. If there is no operation during the specified time after the idle mode, the camera power will be turned off automatically to save battery life. Slide the power switch and hold it for 3 seconds to turn the power on without the 'start' sound.

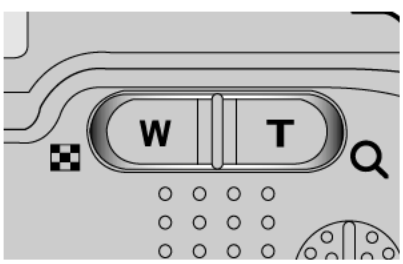
SHUTTER button



- Used for taking an image or recording voice in the RECORDING mode.
- In MOVIE CLIP mode : Pressing the shutter button down fully starts the process for recording a movie clip. Press the shutter button once and the movie clip is recorded for as long as the available recording time in the memory allows. If you wish to stop recording, press the shutter button again.
- In STILL IMAGE mode
  Pressing the shutter button down halfway activates the auto focus and checks the condition of the flash. Pressing the shutter button down fully takes the image and stores the relevant data regarding the shot. If you select voice memo recording, the recording will start after the camera has finished storing the image data.

ZOOM W/ T button

- If the menu is not displayed, this button works as the OPTICAL ZOOM or DIGITAL ZOOM button.



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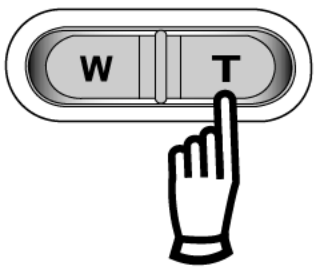
ZOOM W/T button

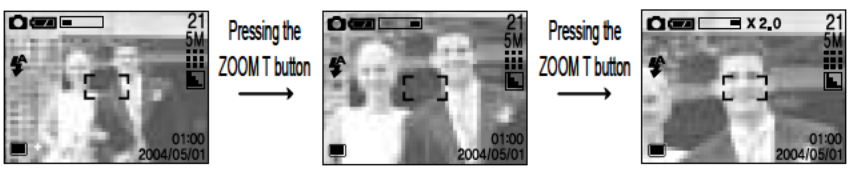
● This camera has a 3X optical zoom and a 4X digital zoom function. Using both will offer a total zoom ratio of 12X.

● TELE Zoom

Optical zoom TELE : Pressing the ZOOM T button. This will zoom into the subject i.e. the subject will appear nearer.

Digital zoom TELE : When the maximum (3X) optical zoom is selected, pressing the ZOOM T button activates the digital zoom software. Releasing ZOOM T button stops the digital zooming at the required setting.
Once the maximum digital zoom (4X) is achieved, pressing the ZOOM T button will have no effect. You can check the digital zoom rate with the [X1.2 ~ X 4.0] numerical mark next to the zoom bar.

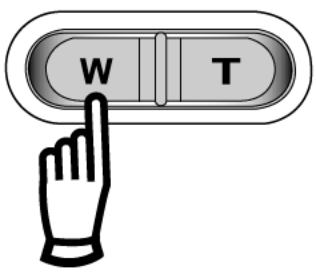


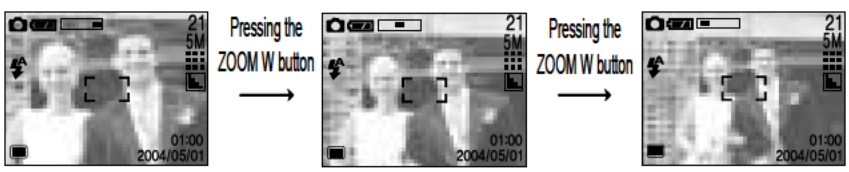


[WIDE zoom] [TELE zoom] [Digital zoom 2.0X]

● WIDE Zoom

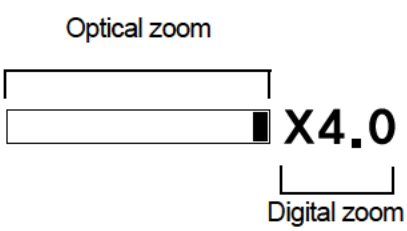
Optical zoom WIDE : Pressing the ZOOM W button. This will zoom out from the subject i.e. the subject will appear further away. Pressing the ZOOM W button continuously will set the camera to its minimum zoom setting i.e. the subject appears at its furthest from the camera.

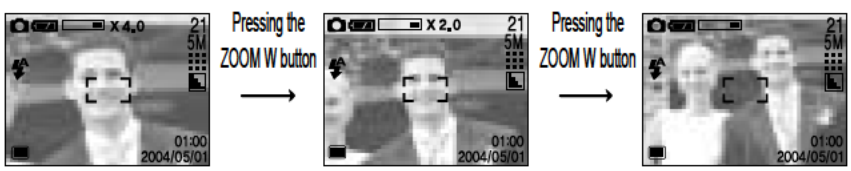




[TELE zoom] [Optical zoom 1.5X] [WIDE zoom]

Digital zoom WIDE : When the digital zoom is in operation, pressing the ZOOM W button will reduce the digital zooming in steps.
Releasing ZOOM W button stops digital zooming.
Pressing the ZOOM W button will reduce the digital zoom and then it will continue to reduce the optical zoom until the minimum setting is reached.





[Digital zoom 4.0X] [Digital zoom 2.0X] [TELE zoom]

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ZOOM W/T button

INFORMATION

- To use the digital zoom the LCD monitor has to be turned on.
- Images taken using the digital zoom may take a little longer for the camera to process. Allow time for this to take place.
- Digital Zoom will not work in Movie clip and Night Scene mode.
- You may notice a decrease in image quality when using the digital zoom.
- Take care not to touch the lens to avoid taking an unclear image and possibly causing camera malfunction. If the image is dim, turn the camera power off and on again to modify the lens position.
- Take care not to press the lens as this may cause a camera malfunction.
- When the camera is turned on, take care not to touch the camera's moving lens parts as this may cause the resulting image to be dim and unclear.
- Take care not to touch the lens during zoom operation as this may cause damage.

Voice memo( ) / UP button

■ While the menu is showing, press the UP button to move up the menu cursor or change the sub menu value.

■ When the menu is not displayed on the LCD monitor, the UP button operates as the voice memo ( ) button. You can add your voice-over to a stored still image.

● Recording a voice memo

1. Rotate the MODE DIAL to select a RECORDING mode with the exception of MOVIE CLIP and VOICE RECORDING modes.
2. Press the VOICE MEMO ( ) button.
   If the voice memo indicator is displayed on the LCD monitor, the setting is completed.

[Preparing for Voice Memo]

[Recording Voice Memo]

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Voice memo( ) / UP button

3. Press the shutter button and take a picture. The picture is stored on the memory card.
4. Voice memo will be recorded for 10 seconds from the moment the picture is stored. In the middle of the sound recording, pressing the shutter button will stop the voice memo.

INFORMATION

- A distance of 40cm between you and the camera (microphone) is the best distance to record sound.

Macro( ) / Down button (Focusing)

■ While the menu is showing, press the DOWN button to move down the menu cursor or change the sub menu value.

■ When the menu is not showing, you can use the MACRO/ DOWN button to take macro pictures (within the distance range of 6-80 cm). In dark conditions, the autofocus may not function. If this occurs, you can select manual focus with this button.

■ Types of focus modes and focus ranges (W: Wide, T: Tele)

Focus type	Auto	Macro ( )		1M	2M
Focus range	80cm ~ Infinity	W : 6~80cm T : 40~80cm	Infinity	1m(fixed)	2m(fixed)

INFORMATION

- When the macro mode is selected, it is possible that camera shake will occur. If this is the case, use a tripod to eliminate this.
- When the macro mode is selected, it is recommended that you use the LCD monitor to compose these shots.

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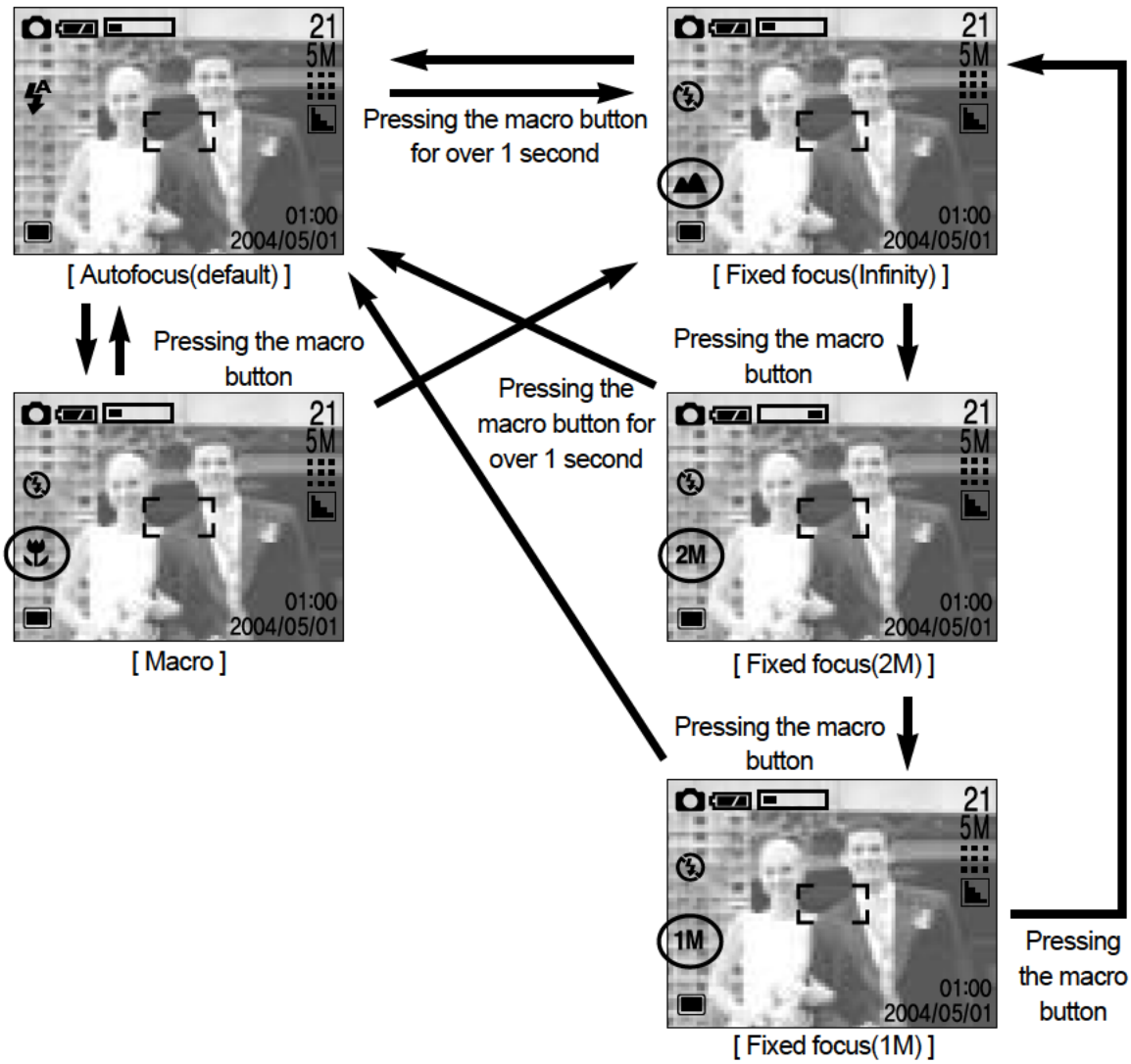
Macro ( ) / Down button (Focusing)

● Selecting the focus mode

Pressing the Macro button will change the focus mode as shown below.



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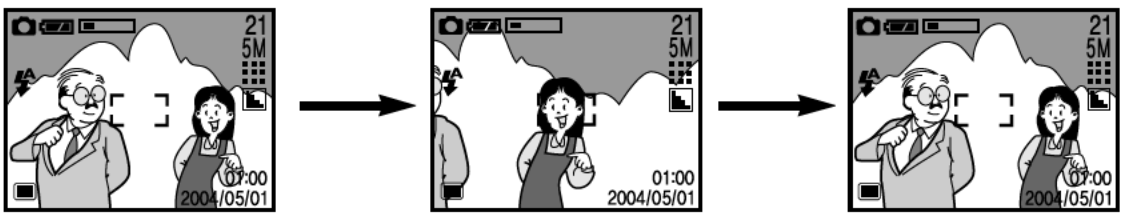
Focus lock

■ To focus on the subject positioned outside of the center, use the focus lock function.

● Using the Focus Lock

1. Ensure the subject in the center of the autofocus frame.
2. Press the SHUTTER button halfway. When the auto focus frame turns to green, it means the camera is focused on the subject. Be careful not to press the SHUTTER button all the way down to avoid taking an unwanted picture.
3. With the SHUTTER button still pressed down only halfway, move the camera to recompose your picture as desired, and then press the SHUTTER button completely to take the picture. If you release your finger from the SHUTTER button, the focus lock function will be canceled.

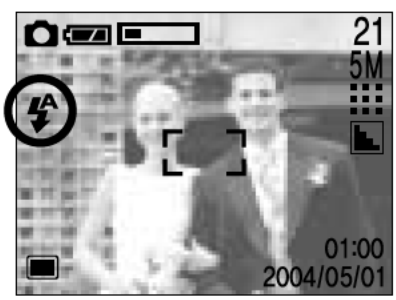


[The image to be captured] [Press the SHUTTER button halfway and focus on the subject] [Recompose the picture and fully depress the SHUTTER button]

FLASH (ϟ) / LEFT button

■ When the menu is displayed on the LCD monitor, pressing the LEFT button makes the cursor shift to the previous page or the main menu.

■ When the menu is not displayed on the LCD monitor, the LEFT button operates as the FLASH button.



[Selecting the Auto flash]

● Selecting the flash mode

1. Rotate the MODE DIAL to select a RECORDING mode with the exception of MOVIE CLIP and VOICE RECORDING modes.
2. Press the Flash button until the desired flash mode indicator displays on the LCD monitor.
3. A flash mode indicator will be displayed on the LCD monitor. Use the correct flash to suit the environment.

● Flash range

Unit : m

ISO	AUTOFOCUS		MACRO	
	WIDE	TELE	WIDE	TELE
AUTO	0.8 ~ 3.0	0.8 ~ 2.0	0.3 ~ 0.8	0.4 ~ 0.8

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FLASH ( ) / LEFT button

INFORMATION

- Using the flash frequently will reduce the life of the batteries.
- Under normal operating conditions the charging time for the flash is normally within 8 seconds. If the batteries are weak, the charging time will be longer.
- During the continuous shot, movie clip mode, the flash function will not operate.
- Take photographs within the flash range.
- The image quality is not guaranteed if the subject is too close or highly reflective.

● Flash mode indicator

ICON	Flash mode	Description
	Auto flash	If the subject or background is dark, the camera flash will operate automatically.
	Auto & Red eye reduction	If a subject or background is dark, the camera flash will work automatically and will reduce the red-eye effect by using the red-eye reduction function.
	Fill in flash	The flash fires regardless of available light. The intensity of the flash will be controlled, according to the prevailing conditions. The brighter the background or subject is, the less intense the flash will be.
	Slow synchro	The flash will operate in conjunction with a slow shutter speed in order to obtain the correct exposure. We recommend using a tripod for this function. When you take an image in a condition with poor light, the camera shake warning indicator ( ) will display on the LCD monitor.
	Flash off	The flash does not fire. Select this mode when capturing images in a place or situation where flash photography is prohibited. When you capture an image in a poorly lit condition, the camera shake warning indicator ( ) will display on the LCD monitor.

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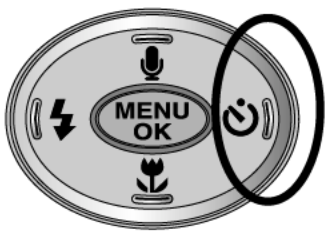
Self-timer ( ) / Right button

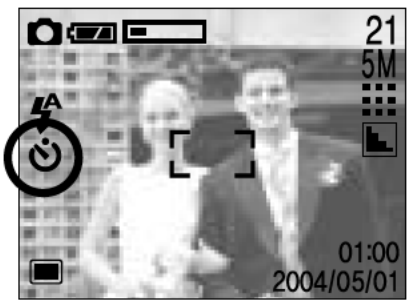
■ When the menu is displayed on the LCD monitor, pressing the RIGHT button makes the cursor shift to the next page or the sub menu.

■ When the menu is not displayed on the LCD monitor, the RIGHT button operates as the Self-timer button. This function is used when the photographer would also like to be in the image.

● Selecting the self-timer



1. Rotate the MODE DIAL to select a RECORDING mode with the exception of VOICE RECORDING mode.
2. Press the SELF-TIMER button until the desired mode indicator displays on the LCD monitor.
   A 2 second, 10 second or Double self-timer icon appears on the LCD monitor. In Movie Clip mode, only the 10-second self-timer will work.
   - 2SEC self-timer ( ) :
     Pressing the shutter button will allow an interval of 2 seconds before the image is taken.
   - 10SEC self-timer ( ) :
     Pressing the shutter button will allow an interval of 10 seconds before the image is taken.
   - Double self-timer ( ) :
     A picture will be taken after about 10 seconds and 2 seconds later a second picture will be taken. When using the flash, the 2-second self-timer may be delayed for longer than 2 seconds depending on the flash charge time.



[Selecting the 10 SEC self-timer]

3. When you press the SHUTTER button, the picture will be taken after the specified time has elapsed.

INFORMATION

● When taking a picture using the self-timer, the self-timer lamp works as follows:

2 second self-timer setting	: The self-timer lamp blinks at 0.5 second interval for 2 seconds.
10 second self-timer setting	: The self-timer lamp blinks at 1 second interval for the first 7 seconds. It blinks at 0.5 second interval for the remaining 3 seconds.

● If you operate the Mode dial and Shutter button during the self-timer operation, the self-timer function is cancelled.

● Use a tripod to prevent the camera from shaking.

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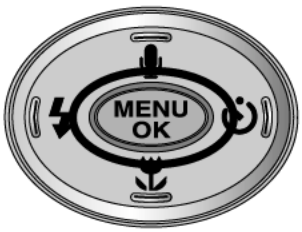
MENU/ OK button

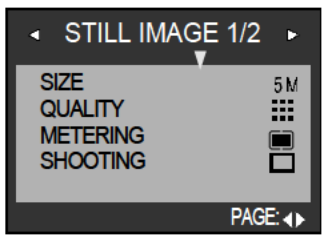
■ If the menu is displayed, use the 5-Function buttons to change the data values and for your changes to be accepted.

■ If the menu is not displayed, press the MENU/OK button to display a menu for the current camera mode on the LCD monitor. Press the button again to return to the previous state.



[Menu off]

Pressing the MENU button

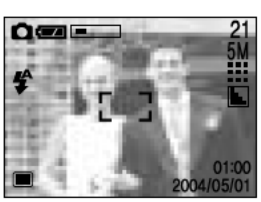


[Menu on]

- There is no menu for VOICE RECORDING mode.
- The menu screen may not show on the LCD when another button is pressed or image data is being processed. (The green lamp next to the view finder blinks)
- When the menu is showing on the LCD monitor, it is not possible to operate the shutter button i.e. capture an image. To capture an image, simply cancel the menu display by pressing the MENU button.

LCD button

■ You can check the recording status in the LCD monitor. Pressing the LCD button in the RECORDING mode(except for the VOICE RECORDING mode) will change the display as shown below.



[Image & full information]

Pressing the LCD button

[Image & basic information]

Pressing the LCD button

[LCD off]

Pressing the LCD button

■ If the LCD monitor is turned off, the mode dial lamp will light up.

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+/- button

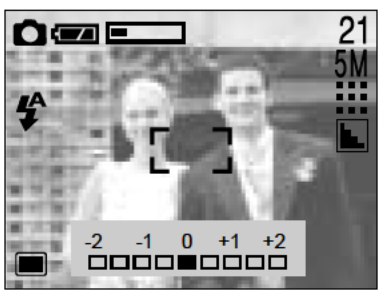
■ You can use the +/- button to adjust the values for the exposure compensation, aperture value and shutter speed.

Main menu	Sub menu	Available camera mode
Exposure compensation	-2.0 ~ 0 ~ +2.0EV	P A S
Aperture value	F2.8 ~ F11	A M
Shutter speed	8 ~ 1/2000 SEC.	S M

■ Exposure compensation : This camera automatically adjusts the exposure according to the ambient lighting conditions. You can also select the exposure value by using the +/- button.

● Compensating Exposure

1. Rotate the MODE DIAL to select the AUTO, APERTURE PRIORITY or SHUTTER PRIORITY mode.
2. Press and hold the +/- button and select the desired exposure compensation value by pressing the LEFT/ RIGHT button.
3. Releasing the +/- button saves the settings and exits from exposure setting mode. If you change the exposure value, the exposure indicator( ) will be displayed on the bottom of the LCD monitor.



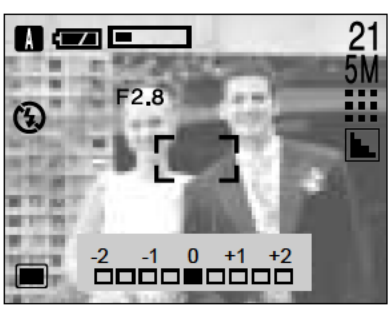
* A negative exposure compensation value reduces the exposure. Note that a positive exposure compensation value increases the exposure and the LCD monitor will appear white or you may not get good pictures.

■ Aperture value : Set the aperture value for automatic exposure depends on the brightness of the object by automatic shutter speed setting in the camera.

● Selecting the aperture value

1. Rotate the MODE DIAL to select the APERTURE PRIORITY mode.
2. Press and hold the +/- button and select the desired aperture value by pressing the UP or DOWN button.
3. Releasing the +/- button saves the settings and exits from aperture setting mode.

* Smaller Aperture values make the object sharp but blur the background. Larger Aperture values make both the object and background sharp.



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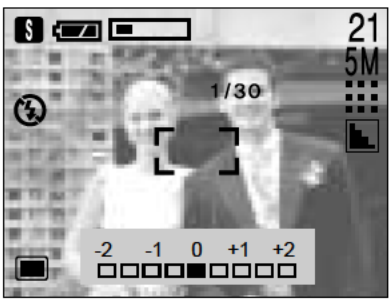
+/- button

■ Shutter speed : Set the shutter speed for automatic exposure depends on the brightness of the object by automatic aperture value setting in the camera.



● Selecting the shutter speed

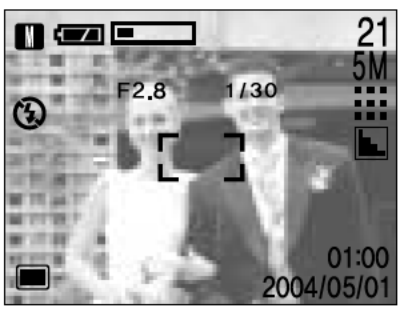
1. Rotate the MODE DIAL to select the SHUTTER PRIORITY mode.
2. Press and hold the +/- button and select the desired shutter speed by pressing the UP or DOWN button.
3. Releasing the +/- button saves the settings and exits from shutter speed setting mode.

* High Shutter speeds can capture a moving object in a still image as if the object is not moving. Low Shutter speeds can capture a moving object with an 'active' effect.

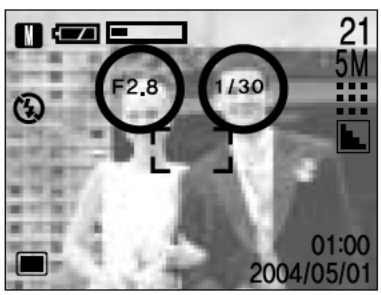
■ Manual mode : The user can manually set both the aperture value and the shutter speed.

● How to use the MANUAL mode.

1. Rotate the MODE DIAL to select the MANUAL mode.
2. Press and hold the +/- button and select the desired shutter speed by pressing the UP or DOWN button. To select the aperture value, press the LEFT/ RIGHT button.
3. Releasing the +/- button saves the settings and exits from shutter speed and aperture setting mode.
4. Point the camera towards the subject and compose the image by using either the viewfinder or LCD monitor.
5. Press the shutter button to capture an image.



If the aperture value or shutter speed is out of the limit of application, the value that is displayed on the LCD monitor will show as red. However, you will still be able to take a picture. Please adjust the shutter speed and aperture value so that the red warning turns white (normal) before taking the picture.



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Using the LCD monitor to adjust the camera settings

■ You can use the menu on the LCD monitor to set up recording functions.
In any mode with the exception of VOICE RECORDING mode, pressing the MENU button displays the menu on the LCD monitor.

INFORMATION

- The menu will not be displayed on the LCD monitor in the following circumstances:
  - When another button is being operated.
  - While image data is being processed. (when the green lamp next to the viewfinder blinks)
  - When there is no battery capacity.
- When the menu is showing on the LCD monitor, it is not possible to operate the shutter button i.e. capture an image. To capture an image, simply cancel the menu display by pressing the MENU button.

■ The following functions are available, depending on the mode you have selected.
The items indicated by [ ] are default settings.

Main menu	Sub menu	Camera working mode	Page
SIZE	2592X1944		p.39
	2048X1536		
	1600X1200		
	1280X960		
	640X480		
	640X480		
	320X240		
QUALITY	SUPER FINE		p.39
	FINE		
	NORMAL		
METERING	MULTI		p.40
	SPOT		
SHOOTING	SINGLE		p.40
	CONTINUOUS		
	AEB		
SHARPNESS	SOFT		p.41
	NORMAL		
	VIVID		

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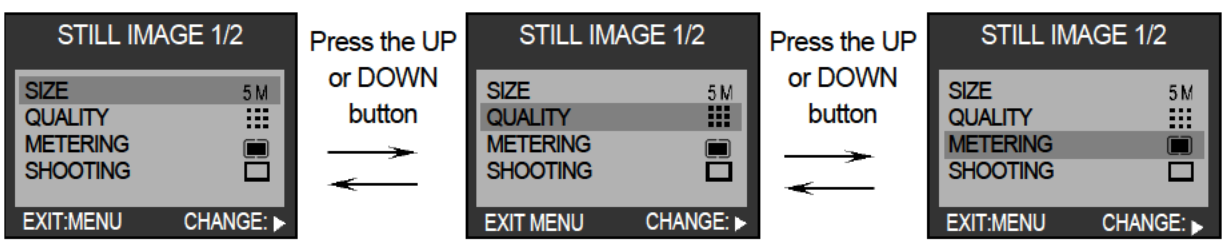
Using the LCD monitor to adjust the camera settings

Main menu	Sub menu	Camera working mode	Page
ISO	AUTO		p.42
	100		
	200		
	400		
W.BALANCE	AUTO		p.42
	DAYLIGHT		
	CLOUDY		
	SUNSET		
	FLUORESCENT		
	TUNGSTEN		
EFFECT	NORMAL		p.43
	B & W		
	SEPIA		

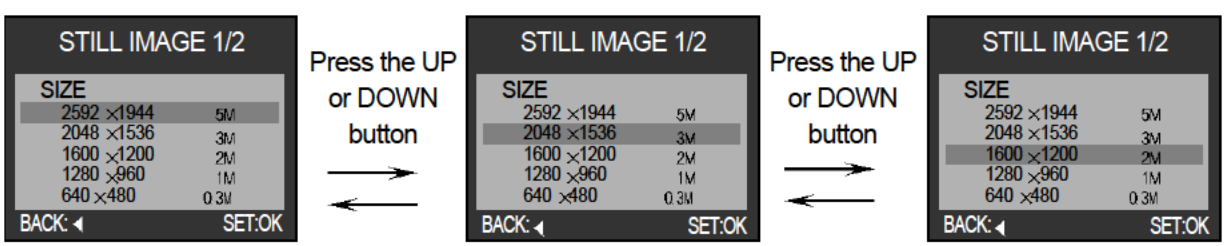
* Menus are subject to change without prior notice.

How to use the menu

1. Turn on the camera and press the MENU button. A menu for each camera mode appears. However, there is no menu for Voice Recording mode ( ).
2. Use the UP and DOWN buttons to navigate through the main menus.



3. When a main menu is selected, press the RIGHT button and you can select the submenus by pressing the UP and DOWN button.



4. Select a sub menu, and then press the OK button. The value you set will be saved.

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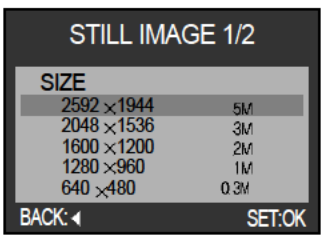
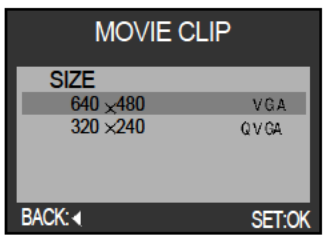
Size

■ You can select the image size appropriate for your application.

Mode	STILL IMAGE mode					MOVIE CLIP mode	
Icon	5M	3M	2M	1M	0.3M	VGA	QVGA
Size	2592X1944	2048X1536	1600X1200	1280X960	640X480	640X480	320X240



[AUTO mode]



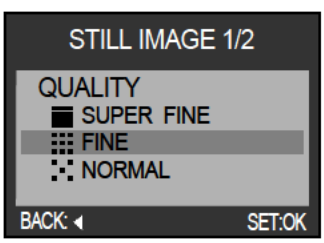
[MOVIE CLIP mode]

INFORMATION

- The higher the resolution, the lower the number of available shots will be because high resolution images require more memory than lower resolution images.

Quality

■ You can select the compression ratio appropriate for your application of the captured images. The higher the compression ratio, the lower the picture quality.



[AUTO mode]

- SUPER FINE is the highest quality and NORMAL is the lowest setting. Choose the setting appropriate for your needs.
- This file format complies with the DCF(Design rule for Camera File system).
- JPEG(Joint Photographic Experts Group): JPEG is the image compression standard developed by the Joint Photographic Experts Group. This type of compression is most commonly used for compressing photos and graphics because it can compress the files efficiently without damaging the data.

Mode	STILL IMAGE mode		
Icon	▦	⣿	⁘
Sub menu	SUPER FINE	FINE	NORMAL
File format	jpeg	jpeg	jpeg

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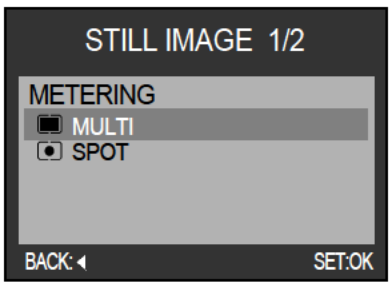
Metering

■ If you cannot obtain suitable exposure conditions, you can change the metering method to take brighter pictures.

MULTI (▣) : Exposure will be calculated based on an average of the available light in the image area. However, the calculation will be biased towards the centre of the image area. This is suitable for general use.

SPOT (◉) : Only the rectangular area in the center of the LCD monitor will be metered for light. This is suitable when the subject in the center is exposed correctly, regardless of the back lighting.



[AUTO mode]

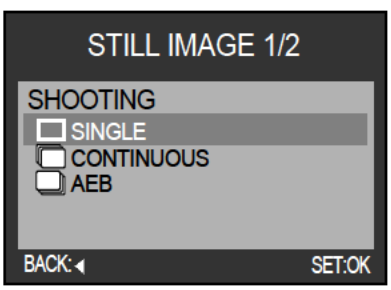
Shooting

■ You can select continuous shooting or AEB(Auto Exposure Bracket) shooting in this menu. If you select [CONTINUOUS] or [AEB], the flash will automatically be set to Flash Off.

SINGLE : A picture will be taken each time you press the Shutter button.

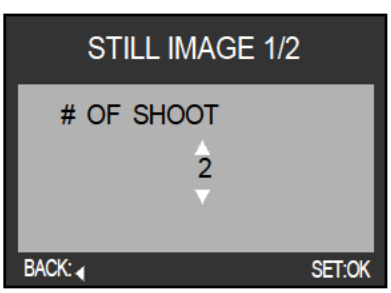
CONTINUOUS : As many pictures as the number of shots you have set will be taken when the Shutter button is pressed once. Use this to take pictures of moving objects/people.

AEB : 3 pictures will be taken continuously, 1 overexposure (+0.5EV), 1 normal exposure (0.0EV), and 1 underexposure (-0.5EV) respectively. Use this when it is difficult to determine the exposure level of the subject.



[AUTO mode]

■ If you press the OK button after selecting [CONTINUOUS], the screen shown on the side will appear on the LCD monitor. Select the desired number of continuous shots by pressing the UP and DOWN button and press the OK button.



[AUTO mode]

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● Size and Quality to the Number of Continuous Shooting Images
(based on the 32MB internal memory, Unit : shot)

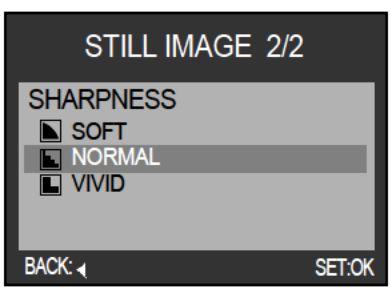
	SUPER FINE	FINE	NORMAL
5M	5	10	15
3M	10	19	27
2M	18	33	44
1M	28	47	63
0.3M	80	99	99

INFORMATION

- High resolution and picture quality increases file saving time, which increases stand-by time.
- To take continuous shots, the number of available shots must be more than 2 because the minimum numbers of continuous shots permitted are 2. To take the AEB shots, the number of available shots must be more than 3 because of the same reason.
- Camera shake can be a problem when using the AEB shooting mode and it takes time to store the AEB image to the memory. We recommend using a tripod.
- In continuous shot and AEB mode, the digital zoom function will not operate.

Sharpness

■ You can adjust the sharpness of the picture you want to take. You cannot check the sharpness effect on the LCD monitor before you take a picture, because this function is applied only when the captured image is stored on the memory.



[AUTO mode]

Sub menu	Icon	Description
SOFT		The edges of the image are softened. This effect is suitable for editing images on your PC.
NORMAL		The edges of the image are sharp. This is suitable for printing.
VIVID		The edges of the image are emphasized. The edges will appear sharp, but noise may occur in the recorded image.

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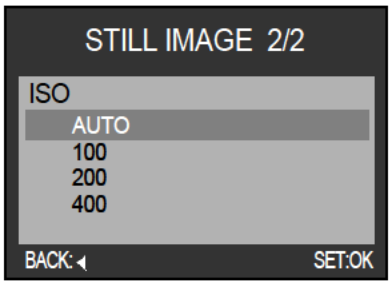
ISO

■ You can select the ISO sensitivity when taking pictures.
The speed or specific light-sensitivity of a camera is rated by ISO numbers.

[AUTO] : The camera's sensitivity is automatically changed by variables such as lighting value or subject brightness.

[100, 200, 400] : You can increase the shutter speed while the same amount of light is present, by increasing the ISO sensitivity. However, the image may be saturated in high luminance.

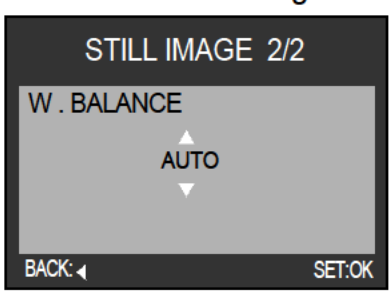


[AUTO mode]

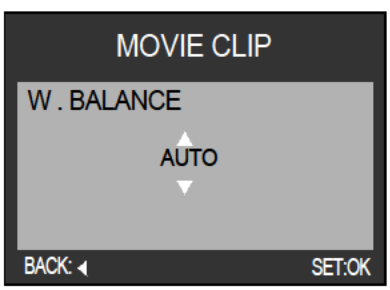
* The higher the ISO value, the higher the camera's sensitivity to light is and therefore the greater its capacity to take pictures in dark conditions. However, the noise level in the image will increase as the ISO value increases, making the image appear coarse.

White balance

■ White balance : The white balance control allows you to adjust the colours to appear more natural looking.



[AUTO mode]



[MOVIE CLIP mode]

- [AUTO] : The camera automatically selects the appropriate white balance settings, depending on the prevailing lighting conditions.
- [DAYLIGHT] : For taking images outside.
- [CLOUDY] : For taking images under a cloudy and overcast sky.
- [SUNSET] : For taking images at sunset.
- [FLUORESCENT] : For shooting under fluorescent lighting.
- [TUNGSTEN] : For shooting under tungsten (standard light bulb) lighting.

* Different lighting conditions may cause a colour cast on your images.

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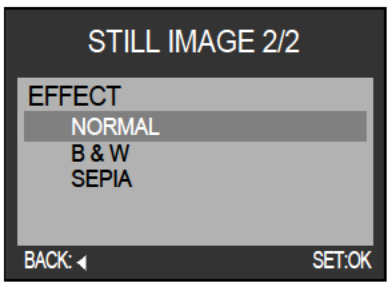
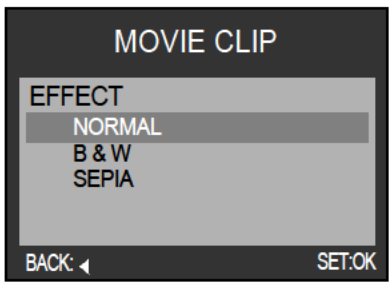
Effect

■ By using the camera's digital processor, it is possible to add special effects to your images.



[AUTO mode]



[MOVIE CLIP mode]

NORMAL : No effect is added to the image.
B & W : Converts the image to black and white.
SEPIA : Captured images will be stored in a sepia tone (a gradient of yellowish brown colours).

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Starting play mode

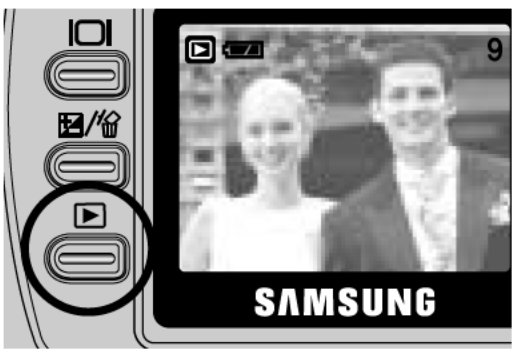
■ Turn the camera on and select Play mode by pressing the play mode button (▶).
The camera can now play back the images stored in the memory. If the memory card is inserted in the camera, images stored in the memory card are displayed. If the memory card is not inserted in the camera, images stored in the internal memory are displayed.

■ Slide the power switch to turn the camera power on. Press the play mode button once to switch to play mode. Press the play mode button again to switch to shooting mode.

■ You can set up the PLAY mode function by using the camera buttons and LCD monitor.

● Playing back a still image

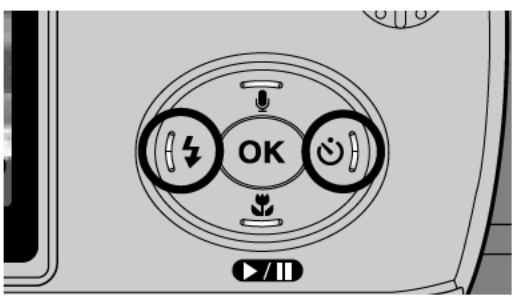
1. Select the PLAY mode by pressing the play mode button(▶).



2. The last image stored on the memory is displayed on the LCD monitor.

3. Select an image that you want to play back by pressing the LEFT / RIGHT button.

※ Press and hold the LEFT or RIGHT button to play back the images quickly.



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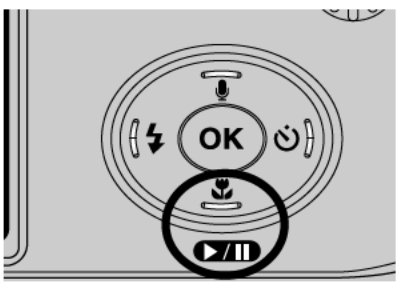
Starting play mode

■ Playing back a movie clip

Steps from 1-2 are the same as those to play back a still image.

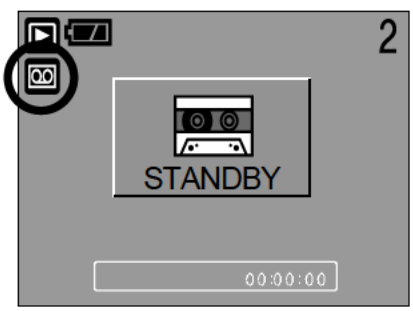
3. Select the recorded movie clip that you want to play back by using the LEFT/RIGHT button. If you select a movie clip, the movie clip indicator ( ) will be displayed on the LCD monitor.
4. Press the play & pause button ( ) to play back a movie clip file.
   - To pause a movie clip file while playing it back, press the play & pause button again.
   - Pressing the play & pause button again will cause the movie clip file to restart.
   - To stop playback of the movie clip, press the play & pause button, and then press the LEFT or RIGHT button.



■ Playing back a recorded voice

Steps from 1-2 are the same as those to play back a still image.

3. Select the recorded voice that you want to play back by using the LEFT/RIGHT button. If you select a recorded voice file, the voice indicator ( ) will be displayed on the LCD monitor.
4. Press the play & pause button ( ) to play back a recorded voice file.
   - To pause a recorded voice file, while playing it back, press the play & pause button again.
   - To resume playback of the voice file, press the play & pause button.
   - To stop playback of the voice file, press the play & pause button, and then press the LEFT or RIGHT button.



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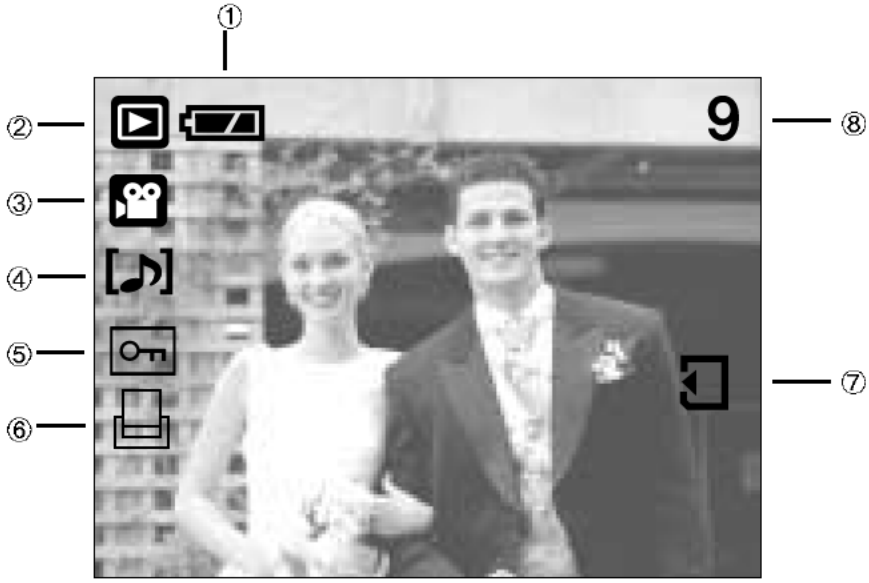
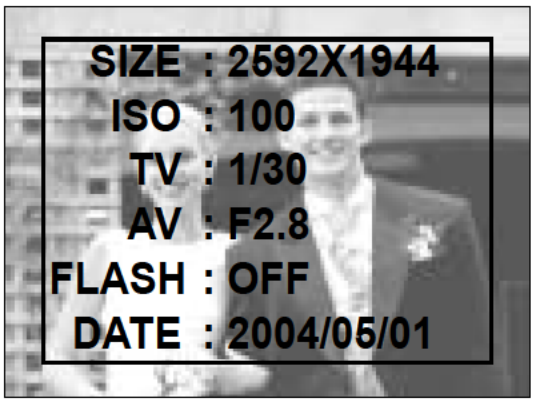
LCD monitor indicator

■ The LCD monitor displays information about the shooting conditions.



No.	Description	Icon	Page
1	Battery		p.16
2	Play mode		
3	File Type		
4	Voice memo		p.48
5	Protect indicator		p.53
6	DPOF indicator		p.56
7	Memory card indicator		
8	Stored image number	9	

■ If you press the LCD button, you can check the following recording information:



S I Z E	: 2592X1944	Size
ISO	: 100	ISO sensitivity
TV	: 1/30	Shutter speed
AV	: F2.8	Aperture value
FLASH	: OFF	Whether or not the flash is used.
DATE	: 2004/05/01	Recording date

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Utilizzare i pulsanti per regolare la fotocamera

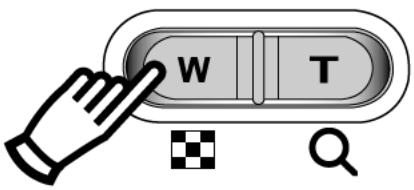
■ Nella modalità Riproduzione, è possibile utilizzare i pulsanti presenti sulla fotocamera per impostare le funzioni della modalità Riproduzione in modo appropriato.

Pulsante Miniatura ( ) / Ingrandimento ( )

● È possibile visualizzare contemporaneamente fino a 9 immagini, nonché ingrandire l'immagine selezionata.

● Display miniatura

1. Premere il pulsante Miniatura mentre l'immagine viene visualizzata normalmente.
2. Il display miniatura evidenzierà l'immagine visualizzata quando è stata selezionata la modalità Miniatura.
3. Per spostarsi sull'immagine desiderata, premere il pulsante a 5 funzioni.
4. Per visualizzare separatamente un'immagine, premere il pulsante Ingrandimento ( ).

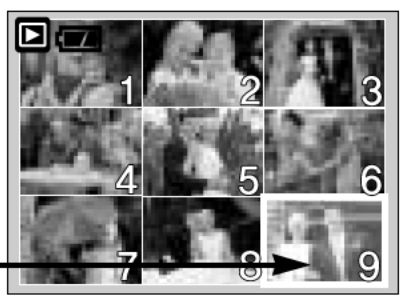


[Modalità di visualizzazione normale]

Pressione del pulsante Miniatura ( )

Pressione del pulsante Ingrandimento ( )

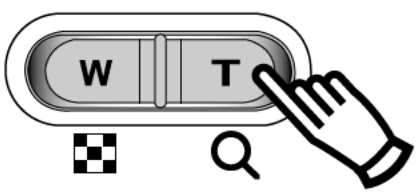
Immagine evidenziata

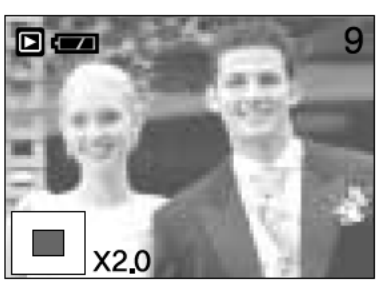


[Modalità di visualizzazione miniature]

● Ingrandimento delle immagini

1. Selezionare l'immagine da ingrandire e premere il pulsante Ingrandimento.
2. È possibile visualizzare parti diverse dell'immagine premendo il pulsante a 5 funzioni.
3. Per ripristinare l'immagine originale a formato intero, premere il pulsante Miniatura.
   - Per stabilire se l'immagine visualizzata è un ingrandimento, controllare il tasso di ingrandimento riportato nella parte superiore del monitor LCD.
   - I filmati e i file WAV non possono essere ingranditi.
   - Quando si ingrandisce un'immagine, se ne può ridurre la qualità.





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Voice ( ) memo / Up button

■ While the menu is showing, press the UP button to move up the menu cursor or change the sub menu value.

■ When the menu is not displayed on the LCD monitor, the UP button operates as the voice memo button. You can add your voice to a stored still image.

● Adding a Voice Memo to a Still Image

1. Press the LEFT/ RIGHT button to select an image that you wish to add sound to.
2. Press the voice memo button ( ) and the voice memo indicator will display. The camera is now ready to record a voice memo.

3. Press the shutter button to start recording and voice will be recorded to the still image for 10 seconds. While the voice is recording, the recording status window will be displayed as shown alongside.

4. The recording can be stopped by pressing the shutter button again.

5. The ([♪]) icon will be displayed on the LCD monitor after voice memo recording has finished.

- Voice memos can't be recorded onto movie clip and voice recording files.
- A distance of 40cm between you and the camera (microphone) is the best distance to record sound.
- The voice memo will be saved in *.wav format, but has the same file name as the still image to which it corresponds.
- If you add a new voice memo to the still image that already has a voice memo, the existing voice memo will be erased.

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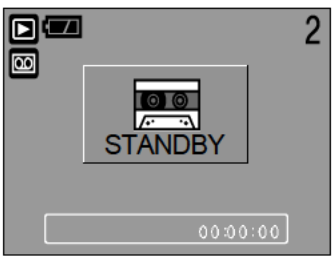
Play & Pause (▶/II) / Down button

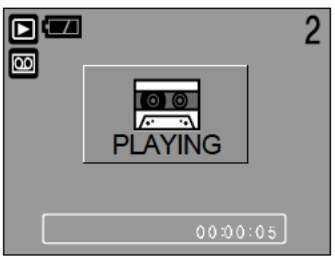
■ In Play mode, the play & pause/ down button works as follows:

- While the menu is showing, press the DOWN button to move down the menu cursor or change the sub menu value.
- If a still image with a voice memo, a voice file, or a movie clip is playing

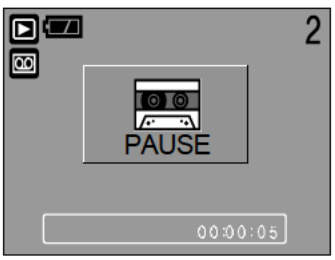
In Stop mode : Plays a still image with a voice memo, a voice file, or a movie clip.
During playback : Temporarily stops playback.
In Pause mode : Resumes playback



[Voice recording is stopped]



[Voice recording is playing]



[Voice recording is paused]

LEFT/ RIGHT/ MENU/ OK button

■ LEFT / RIGHT/ MENU/ OK buttons activate the following.

- LEFT button : When the menu is displayed on the LCD monitor, pressing the LEFT button makes the cursor shift to the previous page or the main menu.
- RIGHT button : When the menu is displayed on the LCD monitor, pressing the RIGHT button makes the cursor shift to the next page or the sub menu.
- MENU button : When you press the MENU button, the play mode menu will be displayed on the LCD monitor. Pressing it again will return the LCD to the initial display.
- OK button : When the menu is displayed on the LCD monitor, the OK button is used for confirming data that is changed by using the 5 function button.

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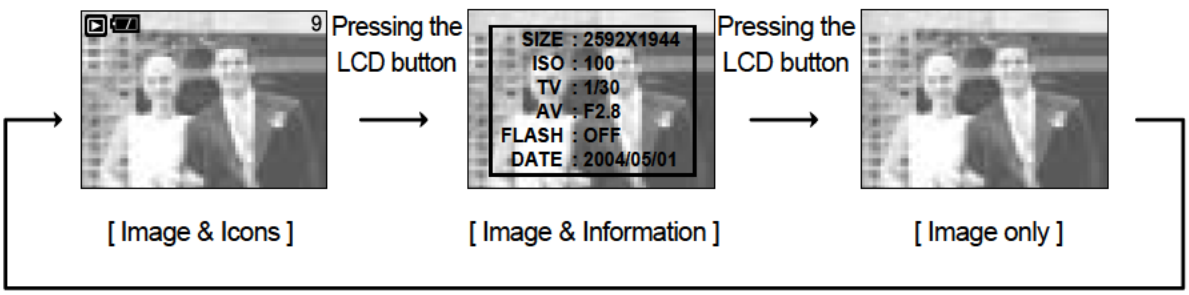
LCD(▣)button

■ The shooting information will be displayed on the LCD monitor.
The last image stored in the memory is displayed on the LCD monitor by pressing the play mode button.
Pressing the LCD button in the PLAY mode will change the display as shown below. [Image & Icons] → [Image & Information] → [Image only]

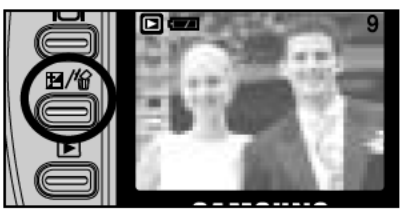


Delete (🗑) button

■ This deletes images stored on the memory card.

● Deleting Images in Play Mode
1. Select an image that you want to delete by pressing the LEFT / RIGHT button and press the DELETE (🗑) button.
2. A message will display as shown alongside on the LCD monitor.
3. Press the OK button to delete the image.

● Deleting Images in Thumbnail Display Mode
1. Use the Up/Down/Left/Right buttons to select an image to delete. Press the delete button.
2. An image that will be deleted is displayed full screen.
3. Press the OK button to delete the image.



INFORMATION

● Before deleting images from the camera, you should protect (p.53) or download images (p.82) to your computer that you wish to keep.

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Setting up the play back function using the LCD monitor

■ PLAY mode functions can be changed by using the LCD monitor. In the PLAY mode, pressing the MENU button displays the menu on the LCD monitor.The menus you can set up in Play mode are as follows. To capture an image after setting up the play menu, press the PLAY mode button.

Main menu		Sub menu	Secondary menu	Page
SLIDE		01 ~ 05 SEC		p. 52
PROTECT		ONE IMAGE	UNLOCK/LOCK	p. 53
		ALL IMAGES	UNLOCK/LOCK	
DELETE ALL		NO		p. 54
		YES		
COPY TO CARD		NO		p. 55
		YES		
DPOF	STANDARD	ONE IMAGE	OFF, 01~30	p. 56
		ALL IMAGES	OFF, 01~30	
	INDEX	NO		p. 57
		YES		

* Menus are subject to change without prior notice.

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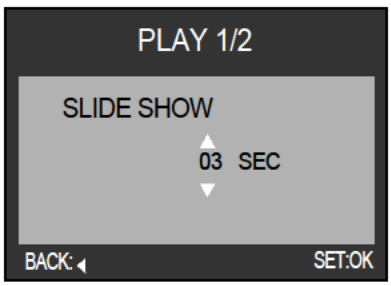
Starting the slide show

■ Images can be displayed continuously at pre-set intervals. You can view the slide show by connecting the camera to an external monitor.

● Configure the interval for the slide show : Configure the length of time to display each picture in the slide show.



1. Press the play mode button and press the menu button.
2. Select the [SLIDE SHOW] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select the slide show interval by pressing the UP/ DOWN button. Slide Show Display Interval : 1 ~5 seconds
4. Press the OK button and the menu is disappeared. The slide show will start. Use the Pause (▶/II) button to pause and resume the slide show. To cancel the slide show in the middle of the show, press the LEFT/ RIGHT button.

INFORMATION

- The loading time depends on the image size and quality.
- The slide show will start from an image that was displayed on the LCD monitor. The [POWER OFF] function can't be activated.
- While the slide show is playing, only the first frame of a MOVIE file is displayed.
- When the last stored image is played back, the first stored image will be played back automatically.

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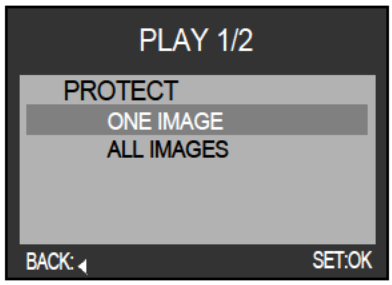
Protecting images

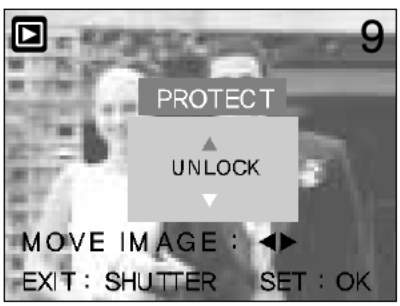
■ This is used to protect specific shots from being accidentally erased (LOCK).
It also unprotects images that have been previously protected (UNLOCK).

● Protecting Images

1. Press the play mode button and press the menu button.
2. Select the [PROTECT] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   [ONE IMAGE] : Only an image that is displayed on the LCD monitor is protected or unprotected.
   [ALL IMAGES] : All of the stored images are protected or unprotected.



4. Select the desired secondary menu by pressing the UP/DOWN button and press the OK button.
   [UNLOCK] : Cancels the protect function.
   [LOCK] : Sets up the protect function.



- If you select the [ONE IMAGE] sub menu at step 3, you can protect or unprotect another image by pressing the LEFT/ RIGHT button.
- If you protect an image, the protect icon( ) will be displayed on the LCD monitor.
  (An unprotected image has no indicator)
- An image in LOCK mode will be protected from deletion of images or [DELETE ALL] functions, but will NOT be protected from the [FORMAT] function.

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Deleting all images

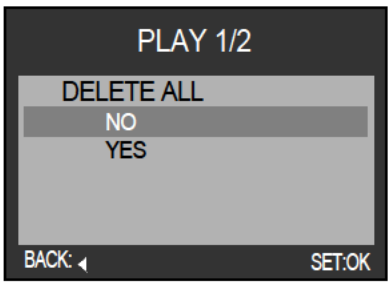
■ Of all the files stored in the memory, the unprotected files in the DCIM subfolder will be deleted.

● Deleting all images

1. Press the play mode button and press the menu button.
2. Select the [DELETE ALL] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.

Selecting [NO] : The display returns to the initial menu.

Selecting [YES] : All unprotected images are deleted. If there aren't protected images, all the images are deleted and a [NO IMAGE!] message will display.



INFORMATION

● Remember that this will permanently delete unprotected images. Important shots should be stored on a computer before deletion takes place.

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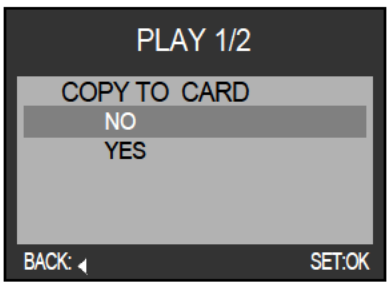
Copy to card

■ This enables you to copy image files to the memory card.

● Copy to card

1. Press the play mode button and press the menu button.
2. Select the [COPY TO CARD] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   - Selecting [NO] : Images will not be copied to the card.
   - Selecting [YES] : All images on the internal memory will be copied to the memory card.



INFORMATION

- This function will not work without the card inserted into the camera.
- When you perform [COPY TO CARD], if the amount of free space on the memory card is less than the total size of the images you selected from the internal memory (32MB), only as many images as space allows will be copied. After the images have been copied, if there is insufficient memory space, the [CARD FULL!] message will be displayed when you rotate the Mode Dial to Movie Clip or Still Image. Please be sure to delete any unnecessary images to free up space before inserting the memory card into the camera.

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DPOF : STANDARD

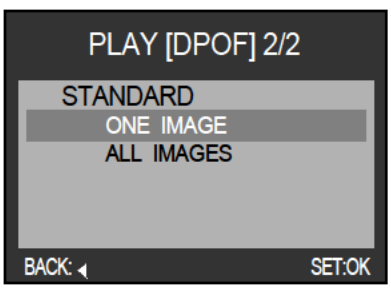
■ DPOF

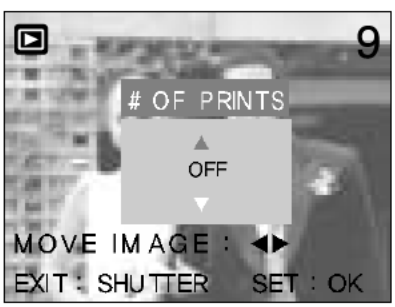
- DPOF(Digital Print Order Format) allows you to embed printing information on your memory card. Select the pictures to be printed and how many prints to make. (Print quantity : OFF, 1 ~ 30)
- The DPOF indicator will display on the LCD monitor when an image that has DPOF information plays back. Images can then be printed on DPOF printers, or at an increasing number of photo laboratories.

■ This function allows you to embed print quantity information on your memory card.
■ This function is not available for Movie clips and Voice recording files.
■ The DPOF file is only stored on the memory card.

● Specifying the Number of Prints

1. Press the play mode button and press the menu button.
2. Select the [PLAY[DPOF] 2/2] menu by pressing the LEFT/ RIGHT button.
3. Select the [STANDARD] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Press the UP/ DOWN buttons to select [ONE IMAGE] or [ALL IMAGES], and then press the OK button. A window for selecting number of copies.
   [ONE IMAGE] : Set the number of copies to print for the current picture only.
   [ALL IMAGES] : Set the number of copies to print for each picture, excluding movie clips and voice recordings.
5. Press the UP/ DOWN buttons to select the number of copies and then press the OK button.
   - If you selected [ONE IMAGE] in Step 4, you can use the LEFT and RIGHT buttons to set the number of copies to print for the previous or the next picture.
   - The DPOF icon ( ) will appear by the pictures for which the number of copies to print is set.





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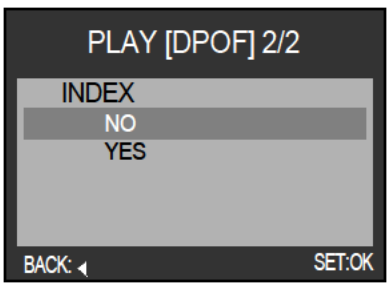
DPOF : INDEX

■ Images (except for movie clips and voice file) are printed as index type.



1. Press the play mode button and press the menu button.
2. Select the [PLAY[DPOF] 2/2] menu by pressing the LEFT/ RIGHT button.
3. Select the [INDEX] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   If [NO] is selected : The image will be printed in standard print format.
   If [YES] is selected : The image will be printed in index format.
5. Press the OK button to confirm the setting.

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Setup menu

■ In this mode, you can set up basic settings.
The items indicated by [ ] are default settings.

Main menu	Sub menu	Secondary menu	Page
FORMAT	[NO]		p.59
	YES		
FILE NAME	[RESET]		p.59
	SERIES		
POWER OFF	OFF,01 ~ [03] ~ 05MIN		p.60
LANGUAGE	ENGLISH	ESPAÑOL	p.61
	한국어	ITALIANO	
	FRANÇAIS	繁體中文	
	DEUTSCH	简体中文	
DATE SETUP	2004~2037 01/01~12/31		p.61
IMPRINT	[OFF]		p.62
	DATE		
	DATE&TIME		
DATE TYPE	[Y/M/D]		p.62
	M/D/Y		
	D/M/Y		
USER SET	[NO]		p.63
	YES		
	RESET		
SOUND	OFF		p.63
	LOW		
	[NORMAL]		
	HIGH		
LCD	+3~ [NORMAL] ~-3		p.64
VIDEO OUT	NTSC		p.64
	PAL		
QUICK VIEW	OFF, [01SEC] ~ 03SEC		p.65

* Menus are subject to change without prior notice.

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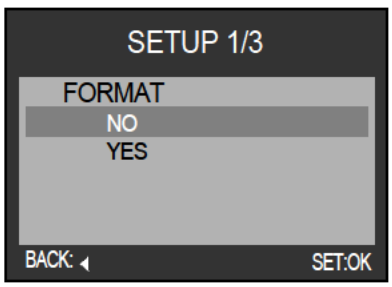
Formatting a memory card

■ This is used for formatting the memory. If you run [FORMAT] on the memory, all images, including the protected images, will be deleted. Be sure to download important images to your PC before formatting the memory. If the memory card is not inserted, the internal memory will be formatted.

● Formatting a Memory Card

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [FORMAT] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   If [NO] is selected : The memory will not be formatted.
   If [YES] is selected : The memory will be formatted.



INFORMATION

● Be sure to run [FORMAT] on the following types of memory card.
- A new memory card, or an unformatted memory card.
- A memory card that has a file this camera can't recognize or one that has been taken from another camera.

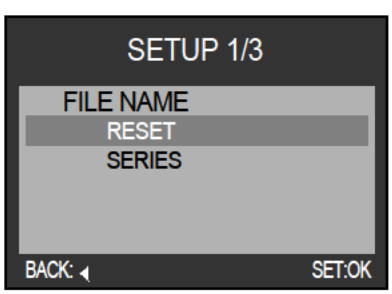
● Always format the memory card using this camera. If you insert a memory card that has been formatted using other cameras, memory card readers, or PCs, you will get a [CARD ERROR!] message.

File name

■ This function allows the user to select the file naming format.

● Assigning File Names

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [FILE NAME] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   [RESET] : After using the reset function, the next file name will be set from 0001 even after formatting, deleting all or inserting a new memory card.
   [SERIES] : Under this system, the file name will directly follow the last stored file name, regardless of any actions such as file deletion or formatting.



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File name

INFORMATION

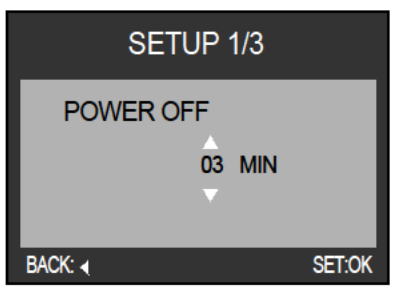
- The first stored folder name is 100SSCAM, and the first file name is S5300001.
- Whenever you store an image, the file number is increased by 1.
- The file numbers are named from S5300001 to S5309999 automatically, 9999 files will be stored in a folder.
- The folder number is assigned sequentially from 100 to 999 as follows : 100SSCAM 101SSCAM ~ 999SSCAM.
- The files used with the memory card conform to the DCF(Design rule for Camera File systems) format.

Auto power off

■ This function switches the camera off after a set amount of time in order to prevent unnecessary battery drainage.

● Setting Power Off

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [POWER OFF] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.



If [OFF] is selected : The power off function will not operate.

If [01~05 MIN] is selected : The power will turn off automatically if not used for the period of time specified.

INFORMATION

- Even if the batteries or AC adapter are removed and inserted again, the power off setting will be preserved.
- Note that the automatic power off function will not operate if the camera is in PC mode, slide show, playing back a voice recording or movie clip.

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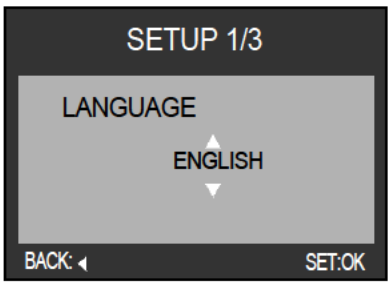
Language

■ There is a choice of languages that can be displayed on the LCD monitor. Even if the batteries or AC adapter are removed and inserted again, the language setting will be preserved.

● Setting Language

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [LANGUAGE] menu by pressing the UP/ DOWN button and press the RIGHT button.
3. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.

LANGUAGE sub menu : English, Korean, French, German, Spanish, Italian, S.Chinese , T.Chinese.



Setting up the Date/ Time

■ You can change the date and time that will be displayed on the captured images.

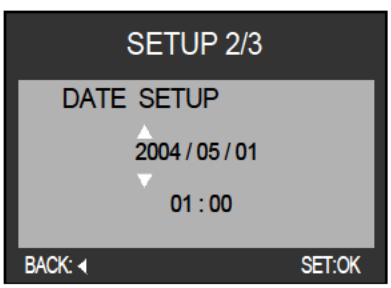
● Setting Date/Time

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 2/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [DATE SETUP] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN / LEFT/ RIGHT button and press the OK button.

RIGHT button : Selects the year/ month / day/ hour / minute

LEFT button : Moves the cursor to the [DATE SETUP] main menu if the cursor is at the first item of the date and time setup. In all other cases, the cursor will be shifted to the left of its current position.

UP and DOWN buttons : Changes the setting value.



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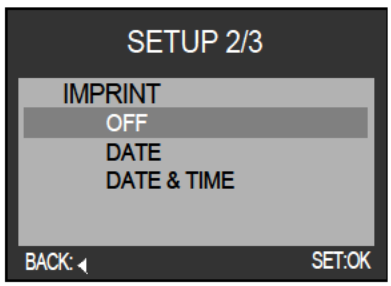
Imprinting the recording date

■ There is an option to include DATE/TIME on still images.

● Date Imprinting

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 2/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [IMPRINT] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.



[OFF] : The DATE&TIME will not be imprinted on the image file.
[DATE] : Only the DATE will be imprinted on the image file.
[DATE&TIME] : The DATE&TIME will be imprinted on the image file.

INFORMATION

- The Date & Time are imprinted at the bottom right side of the still image.
- The date will be imprinted as a DATE TYPE setting.
- TIME is imprinted in the following way : [Hour : Minute] and hours are shown using the 24 hour clock.
- The imprint function is applied only to still images.

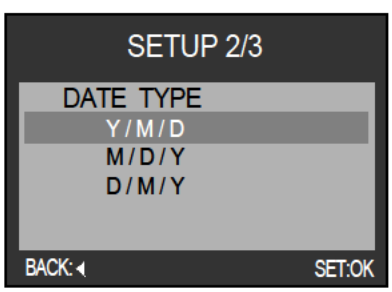
Setting up the Date/ Time type

■ You can set up the date type that will be displayed on the captured images.

● Selecting Date Format

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 2/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [DATE TYPE] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.

Date type : [Y/M/D] / [M/D/Y]/ [D/M/Y]



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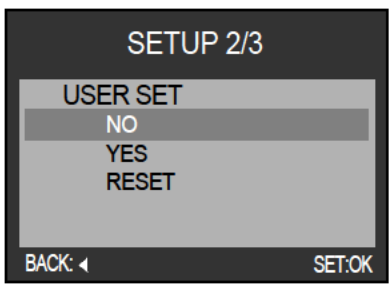
Custom user settings

■ This menu allows you to save the changed camera settings. When the camera is turned on, the saved camera menu will be adopted.(Effect, Exposure, ISO, White Balance only)

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 2/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [USER SET] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.



Selecting [NO] : SETUP menu will display without resetting

Selecting [YES] :All the changed camera settings are saved.

Selecting [RESET] : All the camera settings are changed to the camera default settings except for [LANGUAGE], [DATE SETUP] and [VIDEO OUT] sub menu.

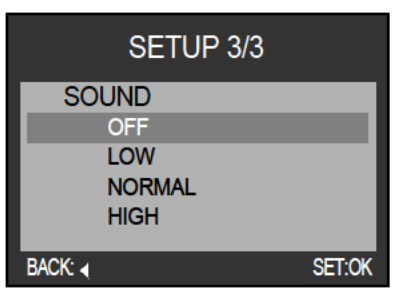
Sound

■ If you set the operation sound to on, various sounds will be activated for camera startup, when button are pressed, and if there is a card error, so that you can be aware of the camera operation status.

● Setting Operation Sounds

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 3/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [SOUND] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.

[SOUND] sub menu : OFF/ LOW/ NORMAL/ HIGH



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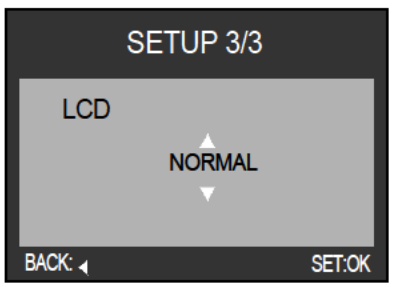
LCD brightness

■ You can adjust the LCD brightness.

● Adjusting LCD Brightness

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 3/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [LCD] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   - [LCD] sub menu : -3~NORMAL~ + 3

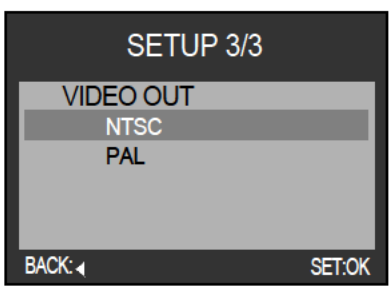


Selecting Video out type

■ The Movie output signal from the camera can be NTSC or PAL. Your choice of output will be governed by the type of device (monitor or TV, etc.) to which the camera is connected. PAL mode can support only BDGHI.

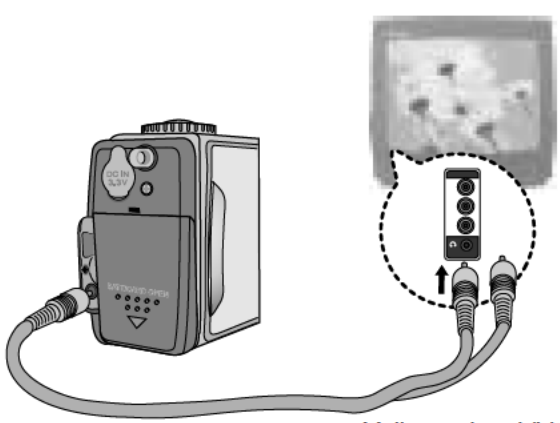
● Setting the Video Out Type

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 3/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [VIDEO OUT] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.
   - [VIDEO OUT] sub menu : NTSC, PAL



● Connecting to an external monitor

In RECORDING/ PLAY mode, you can view the stored still images or movie clips by connecting the camera to an external monitor via the A/V cable. When the camera is connected to an external monitor, the LCD monitor will be turned off automatically.



Yellow color - Video
White color - Voice

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Selecting Video out type

INFORMATION

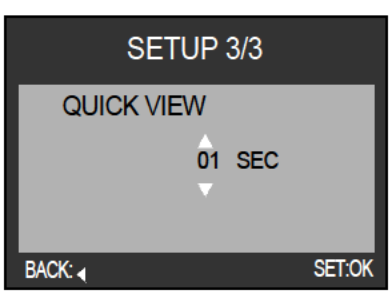
- NTSC : U.S.A, Canada, Japan, South Korea, Taiwan, Mexico.
- PAL : Australia, Austria, Belgium, China, Denmark, Finland, Germany, U.K., Holland, Italy, Kuwait, Malaysia, New Zealand, Singapore, Spain, Sweden, Switzerland, Thailand, Norway.
- When using a TV as an external monitor, you will need to select the external or AV channel of the TV.
- There will be a digital noise on the external monitor, but it is not a malfunction.
- If the image is not in the centre of the screen, use the TV controls to centre it.
- When the camera is connected to an external monitor, the menu will be visible on the external monitor and the menu functions are the same as those indicated on the LCD monitor.

Quick view

■ If you enable Quick View before capturing an image, you can view the image you just captured on the LCD monitor for the duration set in the [QUICK VIEW] setup. Quick view is possible only with still images.

● Setting Quick View

1. Rotate the mode dial to SETUP mode and the [SETUP 1/3] menu will display.
2. Select the [SETUP 3/3] menu by pressing the LEFT/ RIGHT button.
3. Select the [QUICK VIEW] menu by pressing the UP/ DOWN button and press the RIGHT button.
4. Select a desired sub menu by pressing the UP/ DOWN button and press the OK button.



[OFF] : The quick view function can't be activated.
[01 ~ 03 SEC] : The captured image is briefly displayed during the selected time.

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Important notes

Be sure to observe the following precautions!

■ This unit contains precision electronic components. Do not use or store this unit in the following locations.
- Areas exposed to severe changes in temperature and humidity.
- Areas exposed to dust and dirt.
- Areas exposed to direct sunlight or the inside of a vehicle in hot weather.
- Environments where there is high magnetism or excessive vibration.
- Areas with high explosives or highly flammable materials.

■ Do not let the unit come into contact with dust, vinyl goods, or chemicals, such as insecticides, for an extended period of time.

■ Sand can be particularly troublesome to cameras.
- Do not let sand get inside the unit when using it on beaches, coastal dunes, or other areas where there is lots of sand.
- Doing so may result in failure or may permanently render the unit unusable.

■ Extremes in temperature may cause problems.
- If the camera is transferred from a cold to a warm and humid environment, condensation can form on the delicate electronic circuitry. If this occurs, turn the camera off and wait for at least 1 hour until all moisture is dispersed. Moisture build up can also occur in the memory card. If this happens, turn off the camera and remove the memory card. Wait until the moisture has dispersed.

■ Caution on Using the Lens
- If the lens is subjected to direct sunlight, it could result in discoloration and deterioration of the image sensor.
- Pay attention not to get fingerprints or foreign substances on the surface of the lens.

■ If the digital camera is not used for a long period, an electric discharge can occur. It is a good idea to remove the batteries and the memory card if you do not intend using the camera for an extended period of time.

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Important notes

■ If the camera is exposed to an electronic interference, it will turn itself off to protect the memory card.

■ Camera Maintenance

- Use a soft brush (available from photo stores) to gently clean the lens and LCD assemblies. If this does not work, lens-cleaning paper with lens cleaning fluid can be used. Clean the camera body with a soft cloth. Do not allow this camera to come into contact with solvent materials such as benzol, insecticide, thinners etc. This may damage the body shell of the camera and also affect its performance. Rough handling can damage the LCD monitor. Take care to avoid damage and keep the camera in its protective carry case at all times when not in use.

■ Do not attempt to disassemble or modify the camera.

■ Under certain conditions, static electricity can cause the flash unit to fire. This is not harmful to the camera and is not a malfunction.

■ When images are uploaded or downloaded, the data transfer may be affected by static electricity. In this case, disconnect and re-connect the USB cable before trying the transfer again.

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Warning indicator

■ There are several warnings that may appear on the LCD display

Warning indicator	Causes	Remedy
CARD FULL !	• There is insufficient memory capacity to take an image.	• Insert a new CARD or delete stored images to free up some memory.
LOW LIGHT !	• When taking pictures in dark places.	• Use a tripod and take pictures in Flash Photography mode.
CARD LOCKED !	• The memory card is locked	• Slide the write protect switch to the top of the memory card.(p.18)
NO IMAGE !	• There are no images stored on the internal memory or the CARD.	• Take images. • Insert a memory card that is holding some images
CARD ERROR!	• Memory card error	• Insert a new card or format the memory.
MEMORY ERROR!	• Internal memory error	• Format the memory with the memory card removed. (p.59)
A battery indicator blinks!	• There is low battery capacity	• Insert fresh batteries
Camera shake warning indicator!	• The flash mode is set to flash off	• Disengage the FLASH OFF mode (For ordinary shots) • Use a tripod (For taking shots in more unusual circumstances ; museum, art center)

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Before contacting a service center

■ Please check the following

Symptom	Causes	Remedy
The camera doesn't switch on	- There is low battery capacity - An AC Power Adapter is not connected	- Insert fresh batteries - Connect an AC Power Adapter
The camera power ceases whilst in use	- The batteries are exhausted - The Camera is turned off automatically. - The Adapter plug is not connected securely	- Insert fresh batteries - Slide the power switch to reactivate camera - Remove and re-insert the plug
Batteries drain quickly	- The Camera is being used in low temperatures - Mixing old and new batteries or battery types	- Keep the camera in warm conditions (i.e. inside a coat or jacket) and only remove it in order to take images - Insert fresh batteries (all of which should be of the same type)
Camera does not take images when pressing the Shutter button	- There is insufficient memory capacity - The memory card has not been formatted - The memory card is exhausted - The camera's power is off - The batteries are exhausted - The memory card is locked	- After turning the camera off, insert a new memory card or delete unnecessary image files. - Format the memory card. - Insert a new memory card - Turn the camera power on - Insert fresh batteries - Slide the write protect switch to the top of the memory card
The images are unclear	- A picture was taken within 0.8 m from the subject without setting an appropriate macro mode.	- If the shooting distance is less than 0.8 m from the subject, set MACRO mode.
The flash does not fire	- FLASH OFF mode has been selected.	- Disengage FLASH OFF mode
Incorrect date and time is displayed	- The date and time have been set incorrectly.	- Reset the date and time correctly. (p.61)

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Before contacting a service center

Symptom	Causes	Remedy
The camera buttons do not operate	• Camera malfunction	• Remove / re-insert batteries and switch camera on
A card error has occurred while he memory card is in the camera.	• Incorrect memory card format	• Re-format the memory card (p.59)
Colour of image is different to the original scene	• White balance setting is incorrect.	• Select appropriate White balance.
Images are too bright	• Exposure is excessive.	• Reset exposure compensation.
The play back display is not very clear	• The lens or LCD monitor is smudged or dirty	• Clean the lens or LCD
Date is not displayed on the LCD monitor in the PLAY mode	• Date imprint function is set to OFF	• Switch the Date imprint function ON.
When using the PC's explorer, the [Removable Disk] file does not show	• Cable connection is incorrect. • The camera is off. • There are no batteries, the batteries are exhausted or the AC adapter is not connected. • The operating system is not Windows 98, 98SE, 2000, ME, XP/ Mac OS 9.0~10.2. Alternatively the PC does not support USB. • The USB driver is not installed.	• Check the connection. • Turn the camera on. • Insert new batteries or check the adapter connection. • Install Windows 98, 98SE, 2000, ME, XP/ Mac OS 9.0 ~10.2 to PC that supports USB. • Install a [USB Storage Driver].
The images don't play back.	• Incorrect file name. (Violation of DCF format)	• Do not change the image file name.

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Specifications

Image Sensor	Type	1/1.8"CCD
	Effective Pixels	Approx. 5.0 Mega –pixel
	Total Pixels	Approx. 5.3 Mega –pixel
Lens	Focal Length	SHD Lens f = 7.7 ~ 23.1mm (35mm film equivalent : 38~114mm)
	F No.	F2.8 ~ F4.9
	Digital Zoom	Still Image mode :1.0X~ 4.0X, Play mode : 1.0X~5.0X(depends on image size)
Viewfinder	Optical Viewfinder	Real image Optical viewfinder
	LCD Monitor	1.5" color TFT LCD
Focusing	Type	TTL Auto Focus
	Range	Normal : 80cm ~ infinity, Macro : 6cm ~ 80cm(Wide) ,40 ~ 80cm(Tele) Fixed Focus :1m, 2m, Infinity
Shutter	Type	Mechanical and Electronic shutter
	Speed	Normal Mode :1~ 1/2,000 sec. Manual & Night Scene : AUTO, 8 ~ 1/2000 sec.
Exposure	Control	Program AE, Shutter Priority AE, Aperture Priority AE , Manual Exposure Metering(Multi & Spot)
	Compensation	±2.0EV (0.5EV steps)
	ISO Equivalent	Auto,100, 200,400
Flash	Modes	Auto , Auto & Red - eye reduction , Fill-in flash , Slow sync , Flash off
	Range	Wide :0.3 ~ 3.0m, Tele :0.4 ~2.0m
	Recharging Time	Approx. 8 sec.
Effect		Normal, B&W, Sepia
White Balance		Auto / Daylight /Cloudy/ Sunset / Fluorescent / Tungsten
Voice Recording		Voice Recording(max 1 hour) Voice Memo on Still Image(max 10 sec.)
Shooting	Still Image	Modes:Program, A, S, M, Voice Recording, Movie Clip, Night Scene Shooting : Single, Continuous, AEB Self timer: 2 sec. , 10 sec, Double
	Movie Clip	With audio(Recording time : memory capacity dependent) Size : 640x480, 320x240(user selectable)
Storage	Media	Internal memory : 32MB flash memory External memory(optional):SD Card (Up to 512MB guaranteed)

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Specifications

Storage	File Format	Still Image : JPEG (DCF) 1.0, DPOF1.1, EXIF 2.2 Movie Clip : AVI (MJPEG), Audio: WAV
	Image Size	5M : 2592x1944 pixels, 3M : 2048x1536 pixels, 2M : 1600x1200 pixels, 1M : 1280x960 pixels, 0.3M : 640x480 pixels
	Capacity (32MB Internal Memory)	5M : Super fine 11, Fine 23, Normal 34 3M : Super fine 16, Fine 33, Normal 50 2M : Super fine 27, Fine 55, Normal 83 1M : Super fine 43, Fine 86, Normal 130 0.3M : Super fine 159, Fine 294, Normal 441 * These figures are measured by Internal memory based. * These figures are measured under Samsung's standard conditions and may vary depending on shooting conditions and camera settings.
Image Play		Single image / Thumbnails / Slide show/ Movie Clip
Interface		Digital output connector : USB 1.1, Audio : Mono DC power input connector : 3.3V, Video output : NTSC, PAL(user selectable)
Power Source (Optional)		Primary battery : 2 x Alkaline Battery Rechargeable battery : 2 x AA Ni-MH, CR-V3 Lithium, SBP-1303 AC adapter : SAC-32(3.3V 2.0 A) * Included battery may vary depending on sales region.
Dimensions (WxHxD)		109.7x59x40mm
Weight		Approx.180g(without batteries and card)
Software	Camera Driver	Storage Driver (Windows98/98SE/2000/ME/XP, Mac OS 9.0~10.2)
	Application	Digimax Viewer 2.1, Arcsoft PhotoImpression 4.0

* Specifications are subject to change without prior notice.

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Software Notes

Please ensure that you read the instruction manual carefully before use.

- The attached software is a camera driver and image editing software tool for Windows.
- Under no circumstances should all or part of either the software or the user manual be reproduced.
- Copyrights for software are licensed only for use with a camera.
- In the unlikely event of a manufacturing fault, we will repair or exchange your camera. We cannot, however, be held responsible in any way for damage caused by inappropriate use.
- Using a Hand-made PC or a PC and OS that has not been guaranteed by the manufacturer is not covered by the Samsung warranty.
- Before reading this manual, you should have a basic knowledge of computers and O/S (Operating Systems).

System Requirements

For Windows	For Macintosh
PC with processor better than MMX Pentium 233MHz (XP : Pentium II 300MHz)	Power Mac G3 or later
Windows 98/98SE/2000/ME/XP	Mac OS 9.0 ~ 10.2
Minimum 32MB RAM (XP : 128MB) 140MB of available hard-disk space	Minimum 64MB RAM 110MB of available hard-disk space
USB port	USB port
CD-ROM drive	CD-ROM drive
800x600 pixels, 16-bit colour display compatible monitor (24-bit color display recommended)	QuickTime 4.0 or later for Movie Clip

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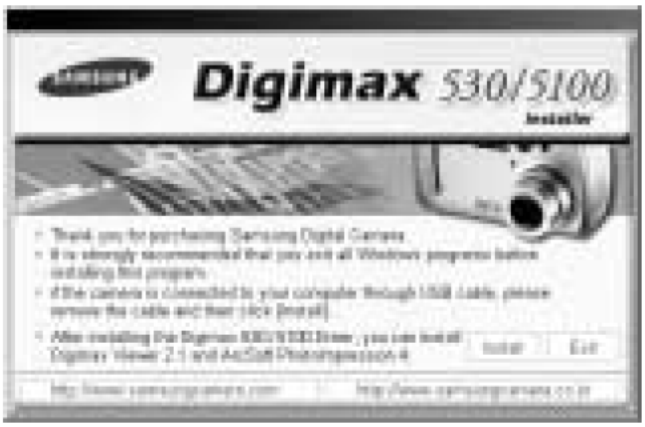
About the software

After inserting the CD-ROM provided with this camera into the CD-ROM drive, the following window should automatically run.



Before connecting the camera to the PC, you should first install the camera driver.

※ Figures (Images) used for the manual are based on model Digimax 530.

■ Camera driver : This enables images to transfer between the camera and PC.
This camera uses the USB Storage Driver as the camera driver. You can use the camera as a USB card reader. After installing the driver and connecting this camera to the PC, you can find [Removable Disk] in [Windows Explorer] or [My computer]. A USB Storage Driver is provided only for Windows. A USB Driver for MAC is not included with the Application CD. But you can use the camera with Mac OS 9.0 ~ 10.2.

■ Digimax Viewer : This is a program for viewing stored images.
You can see the stored images in the memory directly on a PC monitor. You can also copy, move or delete the images and enlarge/downscale the image sizes with Digimax Viewer. This software is only compatible with Windows.

■ PhotoImpression : Image editing program.
You can edit or store still images that you download from the camera. This software is only compatible with Windows.

INFORMATION

- Be sure to check the system requirements (page 73) before installing the driver.
- You should allow 5~10 seconds for running the automatic setup program according to the capability of the computer. If the frame does not show, run the [Windows Explorer] and select [Samsung.exe] in the CD-ROM Drive root directory.

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Setting up the application software

To use this camera with a PC, install the application software first. After this has been done, the stored images in the camera can be moved to the PC and can be edited by an image editing program.

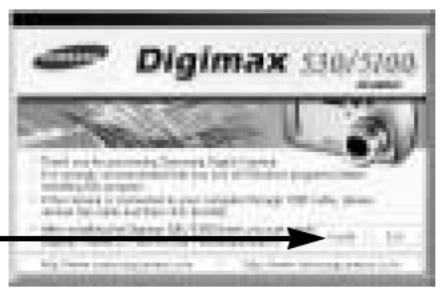
INFORMATION

- Close other programs before installing the application software.
- Before installing the application software, disconnect the USB connection.

You can visit the Samsung web-site through the internet.

http://www.samsungcamera.com : English
http://www.samsungcamera.co.kr : Korean

1. Click the [Install] menu in the Autorun frame. The camera driver is installed automatically.



2. Camera driver installation is complete. Click the [Finish] button.

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Setting up the application software

3. A window for which you can select application software will be displayed. Select the application program and click the [Install] button.
   Refer to page.74 for more information about the application program.

INFORMATION

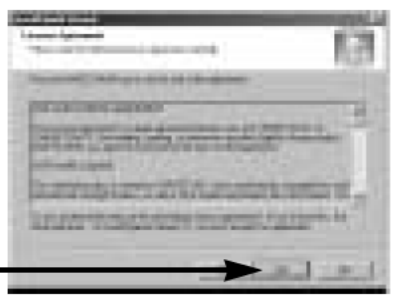
- If you select [Exit] at the step 3, the application program installation will be cancelled.

4. Install Digimax Viewer.
   Click [Next >] button.

INFORMATION

- If you select [Cancel] at step 4, a window for installing PhotoImpression will be displayed.

5. The Software License Agreement window will be displayed. If you agree to this, click [Yes], the window will then move to the next step. If you disagree, click [No] and the installation program will be canceled.



6. A destination selection window will open. Click [Next >]. To copy to the files to another folder, click [Browse...] and choose a folder you want.

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Setting up the application software

7. A window will open, asking you to choose a folder to which program icons will be added. Click [Next >] button.
   If you want to add the program icons to a different folder, choose another folder, and then click [Next >] button.

8. Digimax Viewer installation is successfully completed. Click the [Finish] button to install PhotoImpression.The system will not reboot even the [Yes, I want to restart the computer now] option is selected.
   *The frame 8 may not appear according to the system requirements.

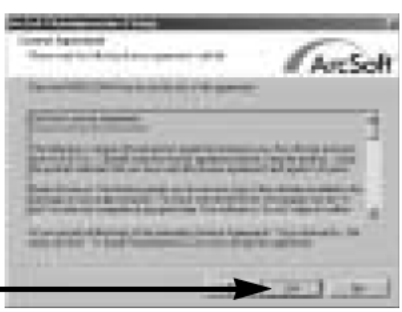
9. Digimax Viewer Installation is completed. The PhotoImpression installation window will be displayed as shown alongside. Click the [OK] button.

INFORMATION

● If you click [Cancel] in Step 9, the PhotoImpression installation will be canceled and the Restart Computer window will appear.

10. A Welcome window will be displayed. Click the [Next >] button.

11. The Software License Agreement window will be displayed. If you agree to this, click [Yes], the window will then move to the next step. If you disagree, click [No] and the installation program will be canceled.



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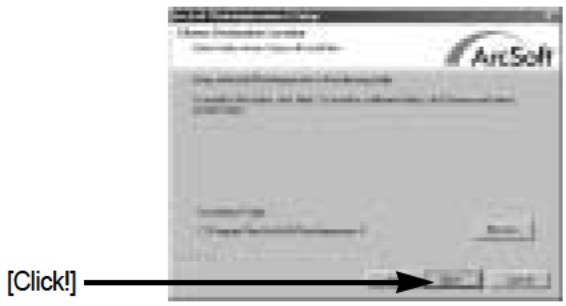
Setting up the application software

12. A destination selection window will open.
Click [Next >]. To copy to the files to another folder, click [Browse...] and choose a folder you want.



13. The [Select Components] window will appear. Click [Next >] button.

14. A window will open, asking you to choose a folder to which program icons will be added. Click [Next >] button.
If you want to add the program icons to a different folder, choose another folder, and then click [Next >] button.

15. Installation is complete.
Click the [Finish] button.
*The frame 15 may not appear according to the system requirements.

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Setting up the application software

16. To apply changes, you must restart the computer. Select [Yes, I want to restart my computer now], and then click [OK].

17. After restarting the computer, connect the PC to the camera with the USB cable.

18. Turn the camera power on. [Found New Hardware Wizard] will open and the computer will recognize the camera.

※ If you have ever installed an image viewer program or your OS is Windows XP, an image viewer program will open.
If the image viewer program opens, the camera driver was setup successfully.

19. If you can see [Removable Disk] under [My computer], the camera driver installation was successful.
Now you can transfer image files from the camera to PC via the USB cable.

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Setting up the application software

INFORMATION

- If you have installed the camera driver, [Found New Hardware Wizard] may not open.
- On a Windows 98 or 98 SE system, the [Found New Hardware Wizard] dialog box opens and a window asking you to select a driver file may appear. In this case, specify the [USB Driver] folder on the supplied software CD.
- When connecting the camera to your PC, it is recommended that you use an AC power adapter.
- Before connecting the camera to the PC, You should first install the camera driver.
- After installing the camera driver, you have to restart your PC.
- If you connect the camera to the PC before installing the camera driver, the [Found New Hardware Wizard] will open.
  In this case, cancel the [Found New Hardware Wizard] and disconnect the camera. Install the camera driver and connect the camera to the PC again.
- Should the computer not find the camera driver after installation, please try one or more of the following measures.
  1. Delete the camera driver (p.84), and re-install the driver.
  2. Refer to FAQ (p.90) to check for a possible solution to the problem.
  3. If your PC's central processing unit is VIA chip (This is shown in the USB Host Controller), download the patch file from the Samsung Camera web page. (http://www.samsungcamera.com)

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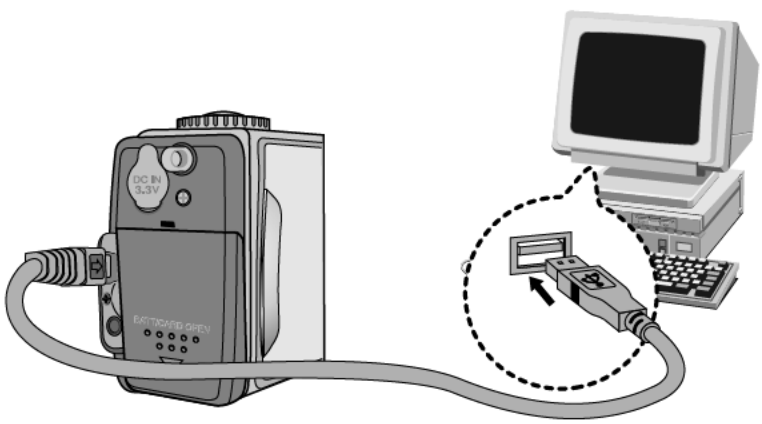
Starting PC Mode

- If you insert the USB cable into the USB connection terminal, the camera mode will change to the PC mode automatically.
- In this mode, you can download stored images to your PC through the USB cable.
- The LCD monitor is always turned off in PC mode.
- The auto focus lamp will blink when the files are transferring via the USB connection.

■ Connecting the camera to PC

1. Turn the PC power on.
2. Turn the camera power on.
3. Connect the PC and the camera via the USB cable.
   - Connect the small end of the USB cable to the USB port on the camera.
   - Connect the large end of the USB cable to the USB port on the computer.
   - Make sure the connectors are fully inserted.



■ Disconnecting the camera and PC

Refer to the following page.

- WIN 98SE : p.86
- WIN 2000/ ME/ XP : p.86 ~ 87

INFORMATION

- The camera driver must be installed before using PC mode. For driver installation instructions, please refer to p.75.
- To save battery power, it is recommended that you use an AC adapter (Optional) when connecting the camera to a computer.

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Starting PC Mode

■ Downloading stored images

You can download the still images stored on the camera to your PC's hard disk and print them or use a photo editing software to edit them.

1. Connect the camera to your PC with the USB cable.

2. On your computer's desktop display, select [My computer] and double click [Removable Disk → DCIM → 100SSCAM].
   The image files will then be displayed.

3. Select an image and press the right mouse button.

4. A pop-up menu will open.
   Click [Cut] or [Copy] menu.
   - [Cut] : cuts a selected file.
   - [Copy] : copies files.

5. Click a folder where you want to paste the file.

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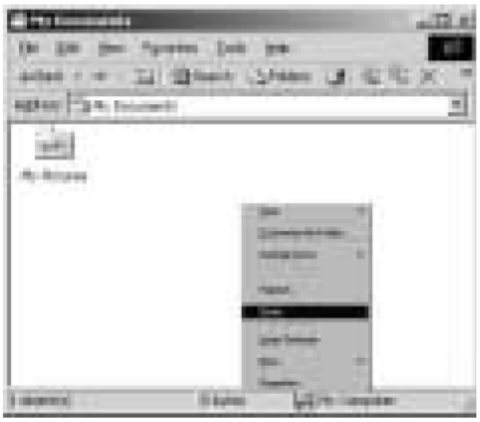
Starting PC Mode

6. Press the right mouse button and a pop-up menu will open. Click [Paste].



7. An image file is transferred from the camera to your PC.

- By using [Digimax Viewer], you can see the stored images in the memory directly on the PC monitor and you can copy or move the image files.

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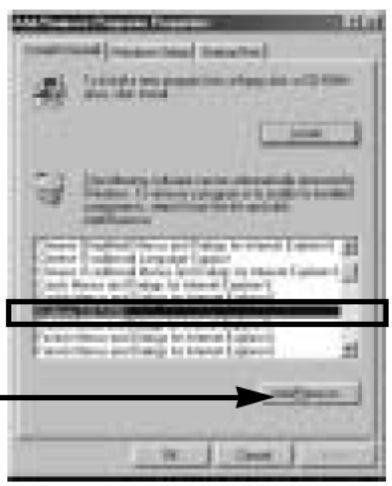
Removing the USB Driver for Windows 98SE

■ To remove the USB driver, refer to the process shown below.

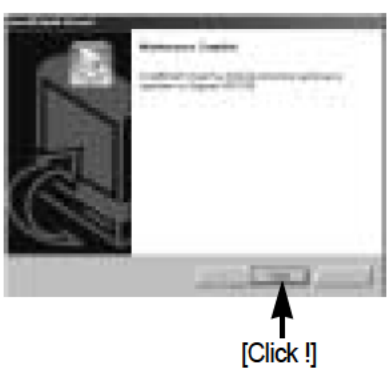
1. Trace [Start →Settings] and click [Control Panel].

2. Double-click [Add/Remove programs].

3. The [Add/Remove Programs Properties] window will open. Click [Digimax 530 5100] and click the [Add/Remove] button.



4. Uninstallation is complete.
   Click the [Finish] button and the window will disappear.



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Removable Disk

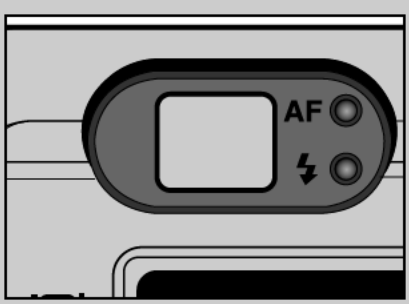
■ To use this camera as a Removable Disk, install (p.75) the USB Driver.

1. Before turning the camera power on, connect the camera to the PC with the USB cable.
2. Click [Removable Disk] under [My computer] or [Windows Explorer].
3. Image files stored in the Removable Disk (DCIM →100SSCAM) can be transferred to the PC.

INFORMATION

Important information whilst using the Removable Disk

- The [Removable Disk] indicator will not show when the camera power is off or the USB cable is removed.
- We recommend that you should copy the images to the PC to view them. Opening images directly from the removable disk may be subject to unexpected disconnection.
- When uploading images from the PC to the camera, ensure that the uploaded file names are not the same as those already stored on the memory.
- When you upload a file that is not taken by this camera to Removable Disk, the [FILE ERROR!] message will be displayed on the LCD monitor in the PLAY mode, and nothing is displayed in THUMBNAIL mode.
- The auto focus lamp will blink, when a file is transferred (copy or deletion) between the PC and the camera. Do not remove the USB cable until the lamp stops blinking. To remove the USB cable in Windows 2000/ME/XP, use the [Unplug or Eject Hardware] icon on the task bar.



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Removing the removable disk

■ Windows 98SE

1. Check whether the camera and PC are transferring a file. If the auto focus lamp blinks, you have to wait until the lamp illuminates.
2. Unplug the USB cable.

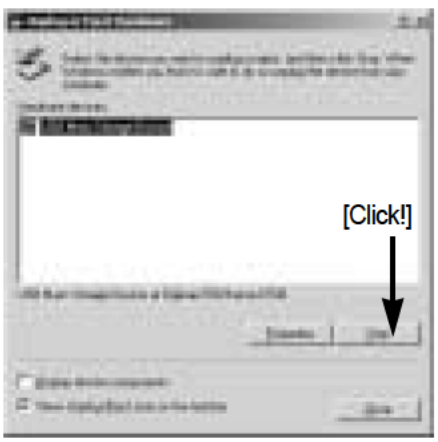
■ Windows 2000/ME/XP

(The illustrations may be different from the real display in accordance with the Windows O/S.)

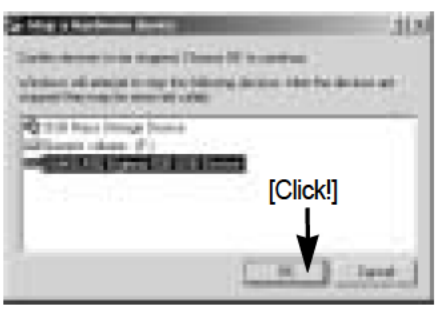
1. Check whether the camera and PC are transferring a file. If the auto focus lamp blinks, you have to wait until the lamp illuminates.

2. Double-click the [Unplug or Eject Hardware] icon on the task bar.

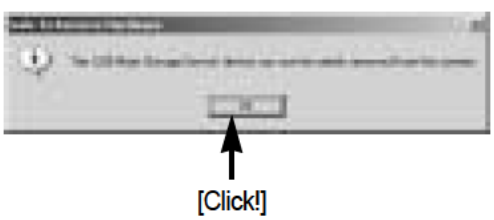
3. The [Unplug or Eject Hardware] window will open. Select the [USB Mass Storage Device] and click the [Stop] button.



4. The [Stop a Hardware device] window will open. Select the [SAMSUNG Digimax 530 USB Device] and click the [OK] button.



5. A [Safe to Remove Hardware] window will open. Click the [OK] button.



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Removing the removable disk

6. A [Unplug or Eject Hardware] window will open. Click the [Close] button and the removable disk will be removed safely.

7. Unplug the USB cable.

Setting up the USB Driver for MAC

1. A USB Driver for MAC is not included with the software CD as MAC OS supports the camera driver.
2. Check the MAC OS. You can check the MAC OS version during MAC OS start-up. This camera is compatible with MAC OS 9.0 ~ 10.2.
3. Connect the camera to the Macintosh and turn the camera power on.
4. A new icon will be displayed on the desktop after connecting the camera to the MAC.

Using the USB Driver for MAC

1. Double click a new icon on the desktop and the folder in the memory will be displayed.
2. Select an image file and copy or move it to MAC.

INFORMATION

- For Mac OS 10.0 or later: First complete uploading from computer to camera and then remove the removable disk with the Extract command.

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Digimax Viewer 2.1

This software is only compatible with Windows.

1. To open Digimax Viewer, click the [Start →Programs →Samsung →Digimax Viewer 2.1 →Digimax Viewer 2.1] and Digimax Viewer 2.1 will then open.

2. If the [Auto Launch] option is selected, this program will be executed automatically with recognizing the camera.

3. You can easily use the Digimax viewer 2.1 program as it offers a FILE menu and TOOL bar. And, you can use the pop up menu. Click an image and press the right mouse button.

Digimax Viewer functions are listed below.

- Basic functions : Copy, Cut, Paste, Delete, Rotate, Rename, changing file type, Resize, Property.
- Advanced functions : Print, Slide show, Export, Sending e-mail, On-line print, Web album etc.

INFORMATION

- Before deleting images from the camera, you should protect or download images to your computer that you wish to keep.
- Refer to the [Help] menu in Digimax viewer 2.1 for further information.

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Using PhotoImpression

With PhotoImpression, you can edit or store still images that you downloaded from the camera.
This software is only available in Windows version.
To start the program, click [Start → Programs → ArcSoft PhotoImpression → PhotoImpression].
The following screen will appear.

You can use PhotoImpression to perform the following tasks.

■ Command Button

Button	Description
	Imports a picture from an album, a source folder, or the camera/scanner, or captures screen shots of what is being viewed on the current monitor.
	Selects Cut, Resize, Edit Image, Insert Text, Enhance Picture, Insert Effects, or Layer.
	Performs Insert Frame, Insert Borders, Insert Calendar, Insert Greeting Cards, Insert Template, or Connect with Other Software.
	Saves the edited picture, and sends an e-mail or uses it as the background image.
	Outputs the edited picture according to your preferences.

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Using PhotoImpression

■ Tool Bar

Button	Description	Button	Description
	Resize Layer		Rotate Layer
	Flip Layer Horizontally		Rotate All Layers
	Undo		Redo
	Copy		Paste
	Delete Layer		Close Picture

INFORMATION

● For detailed instruction on how to use PhotoImpression, please refer to the program's Help.

FAQ

■ Please check the following if the USB connection malfunctions.

[Case 1] The camera power is off.

→ Turn the camera power on. We recommend using an AC power adapter in PC mode.

[Case 2] USB Driver is not installed correctly.

→ Install the USB Driver correctly. Refer to page 75.

[Case 3] The USB cable is not connected or you are using a cable with an incorrect specification.

→ Use a USB cable with the correct specification.

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[Case 4] The camera is not recognized by your PC.

Sometimes, the camera may appear under [Unknown Devices] in Device Manager.

→ Install the camera driver correctly.

Turn off the camera, remove the USB cable, plug in the USB cable again, and then turn on the camera.

[Case 5] There is an unexpected error during file transfer

→ Turn the camera power off and on again. Transfer the file again.

[Case 6] How do I know my computer supports a USB Interface?

→ Check the USB port in your computer or keyboard.

→ Check the OS version.

A USB Interface is available in Windows 98, 98SE, 2000, ME, XP.

→ Check [Universal Serial Bus controllers] in Device Manager.

Do the following to check [Universal Serial Bus controllers].

Win 98/ME : Trace [Start → Settings → Control Panel → System → Device Manager → Universal Serial Bus controllers]

Win 2000 : Trace [Start → Settings → Control Panel → System → Hardware → Device Manager → Universal Serial Bus controllers].

Win XP : Trace [Start → Control Panel → Performance and Maintenance → System → Hardware → Device Manager → Universal Serial Bus controllers].

There must be USB Host Controller and USB root hub under [Universal Serial Bus controllers].

In addition, double-click on the USB Universal Host Controller and the USB Root Hub to check if the Device Status states "This device is working properly". If the Device Status says the device is "not working properly", click the "Driver" tab and then click [Update Driver] or [Reinstall Driver].

→ When all the conditions mentioned above are met, the computer can support the USB interface.

[Case 7] When using the USB hub.

→ There may be a problem in connecting the camera to the PC through the USB hub if the PC and the hub are not compatible.

Wherever possible, connect the camera to the PC directly.

[Case 8] Are other USB cables connected to the PC?

→ The camera may malfunction when it is connected to the PC at the same time as another USB cable. In this case, disconnect the other USB cable, and connect only one USB cable to the camera.

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[Case 9] When I open the Device Manager (by clicking Start →(Settings) →Control Panel →(Performance and Maintenance) →System →(Hardware) →Device Manager), there are 「Unknown Devices」 or 「Other Devices」 entries with a yellow question mark(?) beside them or devices with an exclamation mark(!) beside them.

→ Right-click on the entry with the question(?) or exclamation (!) mark and select "Remove". Restart the PC and connect the camera again.
For Windows 98 PC, remove the camera driver also, restart the PC, and then reinstall the camera driver.

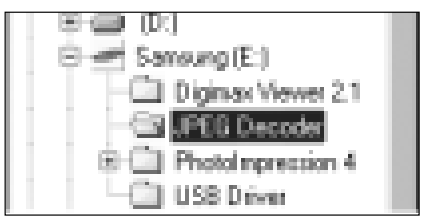
→ Double-click on the entry with the question(?) or exclamation(!) mark, click the "Driver" tab, and click [Update Driver] or [Reinstall Driver]. If a message appears asking you to specify the location where the appropriate driver for the device is, specify the "USB Driver" folder (where D: is the drive letter of the CD-ROM where the driver CD is inserted).

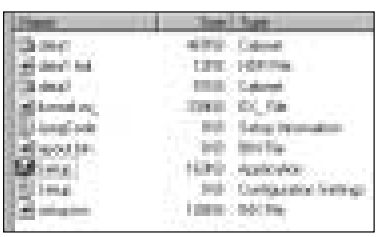
■ Please check the following if the movie clip doesn't play back.

※ If you installed an incorrect codec onto your PC, the movie clip may not play back on the PC.

1. Check whether the JPEG Decoder provided with the camera is installed.
→If you didn't install the camera driver, please install the JPEGCODE included in the application S/W CD-ROM. If not, the movie clip may not play back on the PC.

[Installing the JPEG Decorder]
1) Insert the CD provided with the camera.
2) Run the windows explorer and select the CD-ROM drive.
3) Select the JPEG_Decoder folder and double click the Setup.exe file.
The codec will be installed.





2. Compatible problems with the codecs installed onto the PC.
→If the movie clip doesn't play back after installing the JPEG Decorder, refer to the following.

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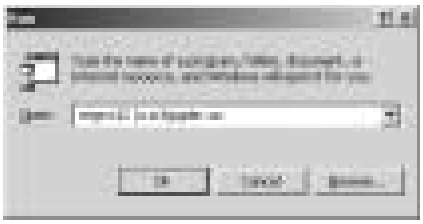
FAQ

1) When the movie clip plays back, only the sound plays back without the image.
It isn't compatible with the Mogen MJPEG Decorder. Uninstall the Mogen MJPEG Decorder as following order. Click [Start → Run] and a window will open.
Type "regsvr32 /u m3jpgdec.ax" and press the Enter key.

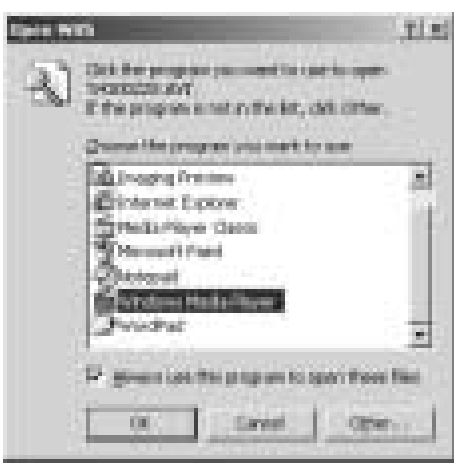


2) When the movie clip plays back, the blue and red colors are reversed or the movie clip doesn't open. It isn't compatible with the ffdshow Codec or K-lite Codec Pack.

① Disable the ffdshow program.
Trace [Start → Programs → ffdshow → Disable ffdshow].

② Uninstall the K-Lite Codec Pack or set the default program of the AVI file as the Windows Media Player.
Trace [Start → controller panel → Add/ Remove Programs → Select the K-Lite Codec Pack → Click the Change/ Remove button].

Run the windows explorer → Select AVI file → Click the right mouse button → Select the "Open with" menu → Click the Windows Media Player → Check the "Always use this program to open these files" option → Click the [OK] button.



Most problems will be solved with those remedies. If the movie clip doesn't play back continuously, install the JPEGCODE provided with the camera again.

※ For more information, visit the SAMSUNG website(www.samsungcamera.com) and see the FAQ page.

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